

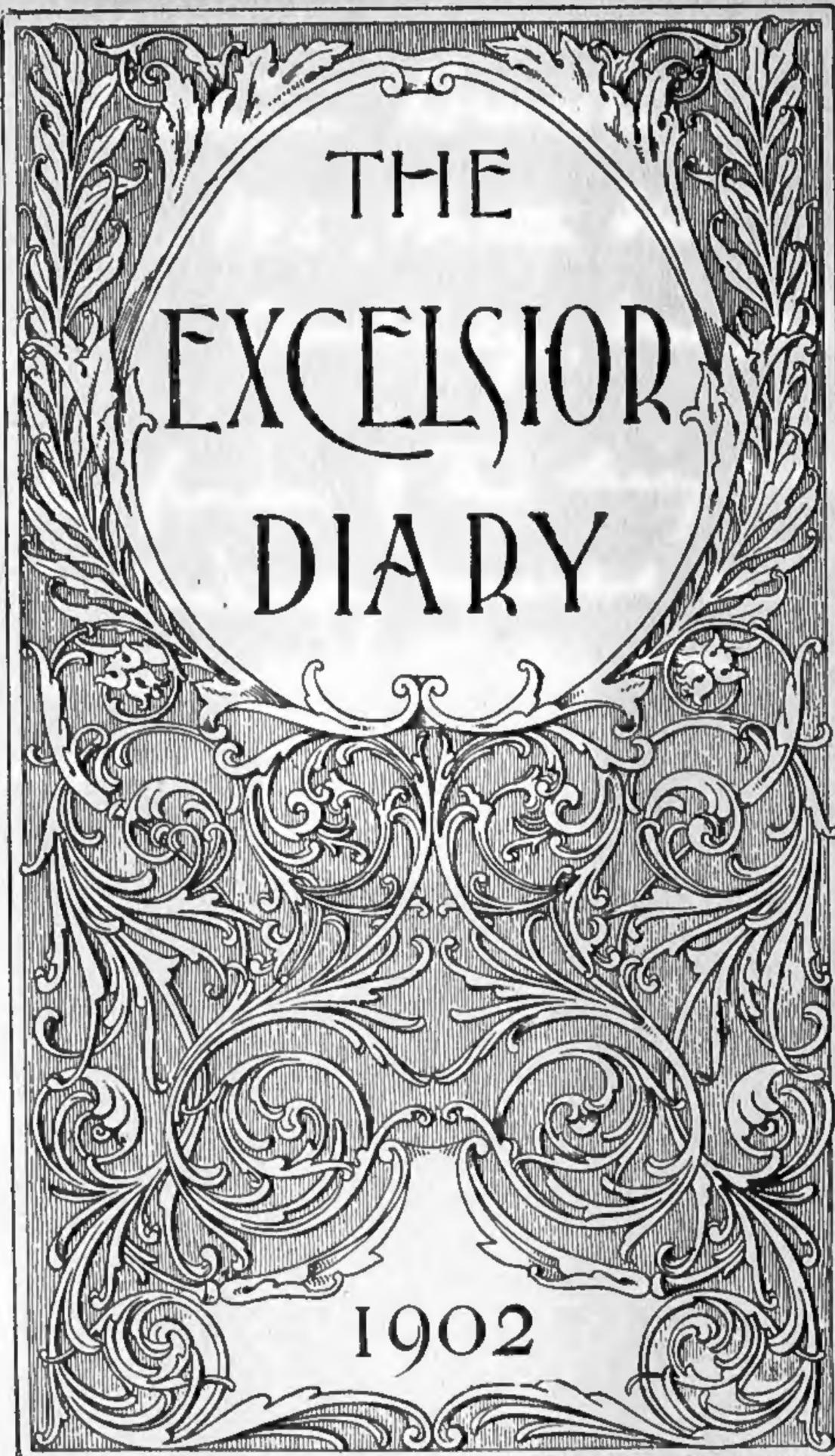
1902.

SB 97.41.1 (14)

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THE  
EXCELSIOR  
DIARY

1902

# CALENDAR, 1902

1902	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
JAN.	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30 31	3 10 17 24 31	4 11 18 25
FEB.	2 9 16 23	3 10 17 24	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29
MARCH.	2 9 16 30	3 10 17 31	4 11 18	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29
APRIL.	6 13 20 27	7 14 21 28	8 15 22 29	9 16 23 30	10 17 24	11 18 25	12 19 26
MAY.	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29 30 31	9 16 23 30	10 17 24 31
JUNE.	1 8 15 22 29	2 9 16 23 30	3 10 17 24	4 11 18 25	5 12 19 26 27	6 13 20 27	7 14 21 28

1902	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
JULY.	6 13 20 27	7 14 21 28	8 15 22 29	9 16 23 30	10 17 24 31	11 18 25	12 19 26
AUG.	3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29	9 16 23 30
SEPT.	7 14 21 28	8 15 22 29	9 16 23 30	10 17 24	11 18 25	12 19 26	13 20 27
OCT.	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29	9 16 23 30	10 17 24	11 18 25
NOV.	2 9 16 23 30	3 10 17 24	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29
DEC.	7 14 21 28	8 15 22 29	9 16 23 30	10 17 24	11 18 25	12 19 26	13 20 27

# ECLIPSES, 1902

There will be five Eclipses this year, three of the Sun and two of the Moon, as follows:

I. A Partial Eclipse of the Sun, April 8, visible around the north polar region only.

II. A Total Eclipse of the Moon, April 22, invisible in the United States except in the Philippine Islands.

III. A Partial Eclipse of the Sun, May 7, visible in the Southern Pacific Ocean.

IV. A Total Eclipse of the Moon, Oct. 16-17, visible as follows: (Eastern Standard Time.) Begins 11 h. 17 m. (16th) p. m.; middle, 1 h. 3 m. a. m. (17th); ends, 2 h. 50 m. Size of Eclipse, 17.6 digits.

V. A Partial Eclipse of the Sun, Oct. 30, invisible in the U. S.

## MORNING STARS.

MERCURY, Feb. 18 to April 28, June 23 to Aug. 11, and Oct. 19 to Dec. 12. VENUS, from Feb. 14 to Nov. 28. MARS, March 29 to Dec. 12. JUPITER, from Jan. 15 to May 7. SATURN, from Jan. 9 to April 18. URANUS, until March 12 and after Dec. 14. NEPTUNE, from June 23 to Sept. 27.

## EVENING STARS.

MERCURY, from Jan. 2 to Feb. 18, April 28 to June 23, Aug. 11 to Oct. 19, and after Dec. 12. VENUS, until Feb. 14 and after Nov. 28. MARS, until March 29 and after Dec. 22. JUPITER, until Jan. 15 and after May 7. SATURN, until Jan. 9 and after April 18. URANUS, from March 12 to Dec. 14. NEPTUNE, until June 23 and after Sept. 27.

## MOVABLE FEASTS.

Septuagesima Sun...	Jan. 26	Easter Sunday.....	Mar. 30
Sexagesima "...	Feb. 2	Low Sunday.....	Apr. 6
Quinquagesima "...	" 9	Rogation Sunday....	May 4
Shrove Tuesday.....	" 11	Ascension Thursday..	" 3
Ash Wednesday.....	" 12	Whit-Sunday (Pent.)	" 18
Quadragesima Sun...	" 16	Trinity ".....	" 25
Mid-Lent "...	Mar. 9	Corpus Christi.....	" 29
Palm Sunday.....	" 23	Advent Sunday.....	Nov. 30
Good Friday.....	" 28	Christmas Day.....	Dec. 25

## CHRONOLOGICAL CYCLES.

Dominical Letter.....	E	Roman Indiction.....	15
Epact.....	21	Julian Period.....	6615
Lunar Cycle (Gold. No.)	3	Dionysian Period.....	231
Solar Cycle.....	7	Jewish Lunar Cycle.....	19

# JANUARY, 1902

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
Last Quarter. 1 D.	11 h. 7 m.	10 h. 7 m.	9 h. 7 m.
New Moon... 9 D.	4 h. 14 m.	3 h. 14 m.	2 h. 14 m.
First Quarter. 17 D.	1 h. 38 m.	0 h. 38 m.	11 h. 38 (16)
Full Moon... 23 D.	7 h. 6 m.	6 h. 6 m.	5 h. 6 m.
Last Quarter. 31 D.	8 h. 8 m.	7 h. 8 m.	6 h. 8 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., & Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y. Gov. Is.			Sun rises	Sun sets	Moon rises	H. W. Boston. N. Yard
7 25	4 43	morn	1 32	1	W.	7 30	4 38	morn	4 51
7 25	4 44	45	2 28	2	Th.	7 30	4 39	47	5 47
7 25	4 45	1 42	3 23	3	F.	7 30	4 40	1 45	6 42
7 25	4 46	2 39	4 18	4	S.	7 30	4 41	2 42	7 37
7 25	4 47	3 34	5 8	5	S.	7 30	4 42	3 38	8 28
7 25	4 48	4 27	5 53	6	M.	7 29	4 43	4 32	9 15
7 25	4 49	5 20	6 36	7	T.	7 29	4 44	5 24	9 57
7 24	4 50	6 7	7 15	8	W.	7 29	4 45	6 11	10 38
7 24	4 51	6 50	7 54	9	Th.	7 29	4 46	6 54	11 17
7 24	4 52	sets	8 31	10	F.	7 29	4 47	sets	11 57
7 24	4 53	7 7	9 9	11	S.	7 29	4 48	7 5	morn
7 23	4 54	8 9	9 50	12	S.	7 28	4 50	8 7	37
7 23	4 55	9 12	10 35	13	M.	7 28	4 51	9 11	1 23
7 23	4 56	10 16	11 24	14	T.	7 28	4 52	10 16	2 7
7 22	4 57	11 21	morn	15	W.	7 27	4 53	11 23	2 54
7 22	4 59	morn	19	16	Th.	7 27	4 54	morn	3 44
7 21	5 0	29	1 20	17	F.	7 26	4 55	31	4 39
7 21	5 1	1 35	2 27	18	S.	7 26	4 56	1 39	5 37
7 21	5 2	2 44	3 33	19	S.	7 25	4 58	2 48	6 38
7 20	5 3	3 49	4 36	20	M.	7 24	4 59	3 53	7 38
7 19	5 4	4 51	5 35	21	T.	7 24	5 0	4 56	8 38
7 18	5 5	5 47	6 30	22	W.	7 23	5 1	5 51	9 35
7 17	5 7	rises	7 22	23	Th.	7 22	5 3	rises	10 30
7 17	5 8	6 19	8 12	24	F.	7 22	5 4	6 17	11 22
7 16	5 9	7 25	9 1	25	S.	7 21	5 5	7 24	ev. 12
7 16	5 10	8 30	9 48	26	S.	7 20	5 6	8 29	1 1
7 15	5 11	9 32	10 33	27	M.	7 19	5 8	9 32	1 49
7 14	5 13	10 32	11 16	28	T.	7 18	5 9	10 38	2 37
7 13	5 14	11 36	ev. 0	29	W.	7 17	5 10	11 37	3 25
7 12	5 15	morn	46	30	Th.	7 16	5 12	morn	4 15
7 12	5 16	27	1 34	31	F.	7 15	5 13	30	5 16

Heavy figures, 12 noon to 12 midnight.

# FEBRUARY, 1902

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
New Moon... 8 D.	8 h. 21 m.	7 h. 21 m.	6 h. 21 m.
First Quarter. 15 D.	9 h. 56 m.	8 h. 56 m.	7 h. 56 m.
Full Moon... 22 D.	8 h. 3 m.	7 h. 3 m.	6 h. 3 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., & Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y. Gov. Is.			Sun rises	Sun sets	Moon rises	H. W. Boston. N. Yard
7 11	5 18	1 24	2 29	1	S.	7 14	5 14	1 27	5 59
7 10	5 19	2 18	3 27	2	S.	7 13	5 15	2 23	6 50
7 9	5 20	3 11	4 24	3	M.	7 12	5 16	3 15	7 43
7 7	5 21	3 59	5 15	4	T.	7 11	5 18	4 4	8 34
7 6	5 22	4 46	6 2	5	W.	7 10	5 19	4 50	9 20
7 5	5 23	5 27	6 46	6	Th.	7 9	5 21	5 31	10 4
7 4	5 25	6 6	7 28	7	F.	7 8	5 22	6 9	10 48
7 3	5 26	sets	8 9	8	S.	7 6	5 23	sets	11 32
7 2	5 27	7 2	8 50	9	S.	7 5	5 24	7 1	morn
7 1	5 28	8 7	9 31	10	M.	7 4	5 25	8 7	15
7 0	5 30	9 14	10 16	11	T.	7 2	5 26	9 15	58
6 58	5 31	10 18	11 5	12	W.	7 1	5 28	10 20	1 43
6 57	5 32	11 27	11 59	13	Th.	7 0	5 29	11 30	2 30
6 56	5 34	morn	morn	14	F.	6 59	5 30	morn	3 21
6 55	5 35	33	1 1	15	S.	6 57	5 32	37	4 17
6 53	5 36	1 40	2 8	16	S.	6 56	5 33	1 44	5 16
6 52	5 37	2 41	3 16	17	M.	6 54	5 35	2 45	6 18
6 51	5 39	3 38	4 21	18	T.	6 53	5 36	3 42	7 20
6 49	5 40	4 28	5 21	19	W.	6 52	5 38	4 31	8 23
6 48	5 41	5 13	6 16	20	Th.	6 50	5 39	5 16	9 21
6 46	5 43	5 51	7 8	21	F.	6 48	5 40	5 54	10 16
6 45	5 44	rises	7 55	22	S.	6 47	5 42	rises	11 7
6 44	5 45	7 15	8 40	23	S.	6 45	5 43	7 15	11 54
6 42	5 46	8 16	9 23	24	M.	6 44	5 45	8 17	ev. 40
6 41	5 48	9 16	10 4	25	T.	6 42	5 46	9 18	1 25
6 39	5 49	10 14	10 43	26	W.	6 41	5 47	10 17	2 8
6 38	5 50	11 12	11 20	27	Th.	6 39	5 49	11 15	2 53
6 37	5 51	morn	11 58	28	F.	6 38	5 50	morn	3 38

# MARCH, 1902

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
Last Quarter. 2 D.	5 h. 39 m.	4 h. 39 m.	3 h. 39 m.
New Moon... 9 D.	9 h. 50 m.	8 h. 50 m.	7 h. 50 m.
First Quarter. 16 D.	5 h. 13 m.	4 h. 13 m.	3 h. 13 m.
Full Moon... 23 D.	10 h. 21 m.	9 h. 21 m.	8 h. 21 m.
Last Quarter. 31 D.			11 h. 24 m.

New-York City,  
Phila., Conn., New Jersey,  
Penn., O., Ind., & Ill.

MEAN TIME.			STAN. TIME.	D. OF MO.	D. OF WK.	MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y. Gov. Is.			Sun rises	Sun sets	Moon rises	H. W. Boston. N. Yard
6 35	5 53	7	38	1	S.	6 36	5 51	11	4 26
6 34	5 53	1 0	1 28	2	S.	6 35	5 52	1 4	5 17
6 32	5 54	1 51	2 32	3	M.	6 33	5 53	1 55	6 9
6 30	5 55	2 37	3 37	4	T.	6 31	5 54	2 41	7 2
6 29	5 56	3 20	4 37	5	W.	6 30	5 55	3 24	7 51
6 27	5 57	4 0	5 28	6	Th.	6 28	5 56	4 4	8 42
6 25	5 58	4 38	6 15	7	F.	6 26	5 57	4 40	9 33
6 24	5 59	5 13	7 00	8	S.	6 25	5 58	5 15	10 19
6 22	6 0	5 46	7 43	9	S.	6 23	5 59	5 47	11 4
6 20	6 1	sets	8 27	10	M.	6 21	6 0	sets	11 49
6 19	6 2	8 7	9 11	11	T.	6 20	6 2	8 8	morn
6 17	6 3	9 16	9 58	12	W.	6 18	6 3	9 19	35
6 16	6 4	10 24	10 48	13	Th.	6 16	6 4	10 28	1 20
6 14	6 5	11 32	11 43	14	F.	6 14	6 5	11 36	2 10
6 12	6 6	morn	morn	15	S.	6 13	6 6	morn	3 1
6 11	6 8	36	45	16	S.	6 11	6 7	41	3 58
6 9	6 9	1 34	1 51	17	M.	6 9	6 9	1 39	4 56
6 7	6 10	2 26	3 0	18	T.	6 7	6 10	2 30	6 0
6 6	6 11	3 11	4 6	19	W.	6 6	6 11	3 15	7 5
6 4	6 12	3 50	5 5	20	Th.	6 4	6 12	3 53	8 7
6 2	6 13	4 26	6 0	21	F.	6 2	6 13	4 28	9 6
6 1	6 14	4 59	6 49	22	S.	6 0	6 14	5 0	10 0
5 59	6 15	rises	7 34	23	S.	5 59	6 15	rises	10 50
5 58	6 16	7 3	8 17	24	M.	5 57	6 16	7 4	11 35
5 56	6 17	8 2	8 57	25	T.	5 55	6 17	8 5	ev. 18
5 54	6 18	9 0	9 34	26	W.	5 53	6 18	9 3	58
5 52	6 19	9 57	10 10	27	Th.	5 52	6 19	10 0	1 46
5 51	6 20	10 50	10 42	28	F.	5 50	6 20	10 54	2 21
5 49	6 21	11 42	11 15	29	S.	5 48	6 21	11 47	3 4
5 47	6 22	morn	11 50	30	S.	5 46	6 22	morn	3 49
5 45	6 23	30	ev. 39	31	M.	5 44	6 23	35	4 36

# \* APRIL, 1902 \*

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
Last Quarter. 1 D.	1 h. 24 m.	0 h. 24 m.	
New Moon... 8 D.	8 h. 50 m.	7 h. 50 m.	6 h. 50 m.
First Quarter. 15 D.	0 h. 25 m.	11 h. 25 (14)	10 h. 25 (14)
Full Moon... 22 D.	1 h. 49 m.	0 h. 49 m.	11 h. 49 m.
Last Quarter. 30 D.	5 h. 58 m.	4 h. 58 m.	3 h. 58 m.

New-York City,  
Phila., Conn., New Jersey,  
Penn., O., Ind., & Ill.

MEAN TIME.			STAN. TIME.	D. OF MO.	D. OF WK.	MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y. Gov. Is.			Sun rises	Sun sets	Moon rises	H. W. Boston. N. Yard
5 44	6 24	1 14	1 36	1	T.	5 43	6 25	1 18	5 28
5 42	6 26	1 56	2 46	2	W.	5 41	6 27	1 59	6 22
5 41	6 27	2 33	3 52	3	Th.	5 40	6 28	2 36	7 16
5 39	6 28	3 8	4 50	4	F.	5 38	6 29	3 10	8 8
5 37	6 29	3 42	5 40	5	S.	5 36	6 30	3 43	8 59
5 36	6 30	4 18	6 26	6	S.	5 35	6 31	4 19	9 47
5 34	6 31	4 57	7 12	7	M.	5 33	6 32	4 58	10 35
5 33	6 32	sets	7 59	8	T.	5 31	6 33	sets	11 23
5 31	6 33	8 7	8 46	9	W.	5 30	6 34	8 10	morn
5 30	6 34	9 18	9 35	10	Th.	5 28	6 36	9 22	11
5 28	6 35	10 24	10 27	11	F.	5 26	6 37	10 28	1 0
5 26	6 36	11 27	11 22	12	S.	5 25	6 38	11 32	1 50
5 25	6 37	morn	morn	13	S.	5 23	6 39	morn	2 43
5 24	6 38	22	25	14	M.	5 21	6 40	27	3 40
5 22	6 39	1 9	1 32	15	T.	5 20	6 41	1 12	4 40
5 20	6 40	1 51	2 40	16	W.	5 18	6 42	1 54	5 42
5 19	6 41	2 27	3 45	17	Th.	5 16	6 43	2 29	6 46
5 17	6 42	3 1	4 45	18	F.	5 15	6 45	3 2	7 49
5 16	6 43	3 33	5 38	19	S.	5 13	6 46	3 33	8 47
5 14	6 44	4 3	6 26	20	S.	5 12	6 47	4 2	9 40
5 13	6 45	4 35	7 10	21	M.	5 10	6 48	4 33	10 29
5 11	6 46	rises	7 50	22	T.	5 9	6 49	rises	11 13
5 10	6 47	7 49	8 27	23	W.	5 7	6 50	7 52	11 54
5 8	6 48	8 43	9 4	24	Th.	5 6	6 51	8 46	ev. 32
5 7	6 49	9 35	9 36	25	F.	5 4	6 52	9 39	1 10
5 6	6 50	10 24	10 4	26	S.	5 3	6 53	10 29	1 50
5 4	6 51	11 11	10 37	27	S.	5 1	6 55	11 15	2 29
5 3	6 52	11 52	11 17	28	M.	5 0	6 56	11 55	3 14
5 2	6 53	morn	ev. 4	29	T.	4 58	6 57	morn	4 1
5 0	6 55	30	1 0	30	W.	4 57	6 58	33	4 52

# MAY, 1902

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
New Moon... 7 D.	5 h. 45 m.	4 h. 45 m.	3 h. 45 m.
First Quarter. 14 D.	8 h. 39 m.	7 h. 39 m.	6 h. 39 m.
Full Moon... 22 D.	5 h. 46 m.	4 h. 46 m.	3 h. 46 m.
Last Quarter. 30 D.	7 h. 0 m.	6 h. 0 m.	5 h. 0 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., & Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y. Gov. Is.			Sun rises	Sun sets	Moon rises	H. W. Boston. N. Y. Gov.
4 59	6 56	1 4	2 4	1	Th.	4 56	7 0	1 6	5 45
4 58	6 57	1 37	3 9	2	F.	4 54	7 1	1 39	6 39
4 56	6 58	2 11	4 12	3	S.	4 53	7 2	2 12	7 32
4 55	6 59	2 44	5 8	4	S.	4 52	7 3	2 44	8 25
4 54	7 0	3 19	5 58	5	M.	4 51	7 4	3 17	9 17
4 53	7 1	3 57	6 48	6	T.	4 49	7 5	3 55	10 8
4 52	7 2	4 40	7 38	7	W.	4 48	7 6	4 37	10 58
4 51	7 3	sets	8 28	8	Th.	4 47	7 7	sets	11 48
4 49	7 4	9 12	9 20	9	F.	4 46	7 8	9 17	morn
4 48	7 5	10 11	10 13	10	S.	4 44	7 9	10 16	39
4 47	7 6	11 4	11 8	11	S.	4 43	7 10	11 8	1 31
4 46	7 7	11 50	morn	12	M.	4 42	7 11	11 53	2 25
4 45	7 8	morn	8	13	T.	4 41	7 12	morn	3 22
4 44	7 9	29	1 10	14	W.	4 40	7 13	32	4 21
4 43	7 10	1 4	2 15	15	Th.	4 39	7 14	1 6	5 22
4 42	7 11	1 37	3 19	16	F.	4 38	7 15	1 37	6 24
4 41	7 12	2 7	4 18	17	S.	4 37	7 16	2 6	7 25
4 40	7 13	2 37	5 12	18	S.	4 36	7 17	2 36	8 23
4 39	7 14	3 7	6 0	19	M.	4 35	7 18	3 5	9 17
4 39	7 15	3 41	6 46	20	T.	4 34	7 19	3 38	10 5
4 38	7 16	4 16	7 26	21	W.	4 33	7 20	4 13	10 48
4 37	7 17	rises	8 4	22	Th.	4 32	7 21	rises	11 27
4 36	7 18	8 20	8 39	23	F.	4 31	7 22	8 25	ev. 5
4 36	7 19	9 7	9 8	24	S.	4 31	7 23	9 11	42
4 35	7 20	9 51	9 37	25	S.	4 30	7 24	9 55	1 20
4 34	7 20	10 29	10 11	26	M.	4 29	7 25	10 32	1 58
4 34	7 21	11 5	10 50	27	T.	4 29	7 26	11 8	2 43
4 33	7 22	11 39	11 35	28	W.	4 28	7 27	11 41	3 29
4 32	7 23	morn	ev. 30	29	Th.	4 27	7 28	morn	4 18
4 32	7 23	11	1 30	30	F.	4 27	7 28	12	5 10
4 31	7 24	43	2 34	31	S.	4 26	7 29	43	6 4

# \* JUNE, 1902 \*

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
New Moon... 6 D.	1 h. 11 m.	0 h. 11 m.	11 h. 11 (5)
First Quarter. 12 D.	6 h. 54 m.	5 h. 54 m.	4 h. 54 m.
Full Moon... 20 D.	9 h. 16 m.	8 h. 16 m.	7 h. 16 m.
Last Quarter. 28 D.	4 h. 52 m.	3 h. 52 m.	2 h. 52 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., & Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y. Gov. Is.			Sun rises	Sun sets	Moon rises	H. W. Boston N. Y. Gov.
4 31	7 24	1 14	3 38	1	S.	4 25	7 30	1 14	6 59
4 30	7 25	1 50	4 39	2	M.	4 25	7 30	1 49	7 54
4 30	7 26	2 30	5 36	3	T.	4 25	7 31	2 27	8 48
4 30	7 26	3 14	6 29	4	W.	4 24	7 32	3 10	9 42
4 29	7 27	4 5	7 21	5	Th.	4 24	7 32	4 1	10 35
4 29	7 28	sets	8 15	6	F.	4 24	7 33	sets	11 28
4 29	7 28	8 53	9 6	7	S.	4 23	7 33	8 57	morn
4 29	7 29	9 43	9 59	8	S.	4 23	7 34	9 46	20
4 28	7 30	10 27	10 52	9	M.	4 23	7 35	10 30	1 14
4 28	7 30	11 4	11 47	10	T.	4 23	7 36	11 6	2 7
4 28	7 31	11 38	morn	11	W.	4 22	7 36	11 39	3 2
4 28	7 31	morn	44	12	Th.	4 22	7 37	morn	3 59
4 28	7 32	10	1 44	13	F.	4 22	7 37	10	4 57
4 28	7 32	41	2 44	14	S.	4 22	7 38	40	5 57
4 28	7 32	1 11	3 44	15	S.	4 22	7 38	1 9	6 56
4 28	7 33	1 43	4 40	16	M.	4 22	7 38	1 40	7 53
4 28	7 33	2 16	5 32	17	T.	4 22	7 39	2 13	8 47
4 28	7 33	2 54	6 20	18	W.	4 22	7 39	2 50	9 36
4 28	7 34	3 35	7 2	19	Th.	4 22	7 39	3 31	10 19
4 29	7 34	rises	7 41	20	F.	4 23	7 40	rises	10 59
4 29	7 34	7 49	8 15	21	S.	4 23	7 40	7 53	11 36
4 29	7 34	8 30	8 44	22	S.	4 23	7 40	8 34	ev. 13
4 29	7 34	9 8	9 14	23	M.	4 23	7 40	9 11	50
4 29	7 34	9 42	9 47	24	T.	4 23	7 40	9 44	1 30
4 30	7 35	10 12	10 26	25	W.	4 24	7 41	10 14	2 15
4 30	7 35	10 43	11 10	26	Th.	4 24	7 41	10 44	3 0
4 30	7 35	11 16	ev. 1	27	F.	4 24	7 41	11 15	3 48
4 31	7 35	11 50	59	28	S.	4 25	7 40	11 48	4 39
4 31	7 35	morn	2 2	29	S.	4 25	7 40	morn	5 33
4 32	7 35	25	3 10	30	M.	4 26	7 40	23	6 30

# JULY, 1902

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
New Moon... 5 D.	7 h. 59 m.	6 h. 59 m.	5 h. 59 m.
First Quarter... 12 D.	7 h. 46 m.	6 h. 46 m.	5 h. 46 m.
Full Moon... 20 D.	11 h. 45 m.	10 h. 45 m.	9 h. 45 m.
Last Quarter... 28 D.	0 h. 14 m.	11 h. 14 (27)	10 h. 14 (27)

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., & Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y. Gov. Is.			Sun rises	Sun sets	Moon rises	H. W. Boston, N. Y. Gov. Is.
4 32	7 35	1 5	4 20	1	T.	4 26	7 40	1 2	7 18
4 32	7 35	1 51	5 20	2	W.	4 26	7 40	1 47	8 25
4 33	7 34	2 45	6 16	3	Th.	4 27	7 40	2 41	9 22
4 33	7 34	3 47	7 11	4	F.	4 28	7 40	3 42	10 17
4 34	7 34	sets	8 2	5	S.	4 29	7 39	sets	11 11
4 35	7 34	8 18	8 54	6	S.	4 29	7 39	8 21	morn
4 35	7 33	8 59	9 45	7	M.	4 30	7 39	9 1	3
4 36	7 33	9 36	10 35	8	T.	4 30	7 38	9 37	56
4 37	7 33	10 10	11 25	9	W.	4 31	7 38	10 10	1 48
4 37	7 32	10 42	morn	10	Th.	4 32	7 38	10 41	2 40
4 38	7 32	11 13	17	11	F.	4 33	7 37	11 12	3 34
4 39	7 31	11 44	1 11	12	S.	4 33	7 37	11 42	4 28
4 39	7 31	morn	2 7	13	S.	4 34	7 36	morn	5 25
4 40	7 30	19	3 4	14	M.	4 35	7 36	16	6 21
4 41	7 30	54	4 2	15	T.	4 36	7 35	51	7 17
4 42	7 29	1 34	4 57	16	W.	4 37	7 34	1 30	8 11
4 43	7 29	2 18	5 45	17	Th.	4 37	7 34	2 13	9 0
4 44	7 28	3 5	6 29	18	F.	4 38	7 33	3 0	9 45
4 44	7 27	3 57	7 8	19	S.	4 39	7 32	3 53	10 26
4 45	7 26	rises	7 45	20	S.	4 40	7 31	rises	11 5
4 46	7 26	7 48	8 21	21	M.	4 41	7 30	7 46	11 43
4 47	7 25	8 17	8 55	22	T.	4 42	7 30	8 19	ev. 22
4 48	7 24	8 48	9 31	23	W.	4 43	7 29	8 49	1 5
4 48	7 23	9 20	10 11	24	Th.	4 44	7 28	9 20	1 47
4 49	7 23	9 52	10 56	25	F.	4 45	7 27	9 51	2 32
4 50	7 22	10 26	11 46	26	S.	4 46	7 26	10 25	3 19
4 51	7 21	11 4	ev. 42	27	S.	4 47	7 25	11 1	4 10
4 52	7 20	11 45	1 46	28	M.	4 48	7 24	11 42	5 6
4 53	7 19	morn	2 54	29	T.	4 49	7 23	morn	6 5
4 54	7 18	34	4 0	30	W.	4 50	7 22	30	7 5
4 55	7 17	1 30	5 4	31	Th.	4 51	7 21	1 26	8 5

# AUGUST, 1902

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
New Moon... 3 D.	3 h. 17 m.	2 h. 17 m.	1 h. 17 m.
First Quarter... 10 D.	11 h. 24 m.	10 h. 24 m.	9 h. 24 m.
Full Moon... 19 D.	1 h. 3 m.	0 h. 3 m.	11 h. 3 (18)
Last Quarter... 26 D.	6 h. 4 m.	5 h. 4 m.	4 h. 4 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., & Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y. Gov. Is.			Sun rises	Sun sets	Moon rises	H. W. Boston, N. Y. Gov. Is.
4 56	7 16	2 32	6 2	1	F.	4 52	7 20	2 28	9 5
4 57	7 14	3 39	6 56	2	S.	4 53	7 18	3 35	10 0
4 58	7 13	4 48	7 49	3	S.	4 54	7 17	4 45	10 54
4 59	7 12	sets	8 37	4	M.	4 55	7 16	sets	11 47
5 0	7 11	8 6	9 25	5	T.	4 56	7 15	8 7	morn
5 1	7 10	8 40	10 11	6	W.	4 57	7 14	8 40	37
5 2	7 9	9 12	10 57	7	Th.	4 58	7 12	9 11	1 26
5 3	7 7	9 43	11 43	8	F.	4 59	7 11	9 41	2 15
5 4	7 6	10 18	morn	9	S.	5 0	7 10	10 15	3 5
5 5	7 5	10 54	31	10	S.	5 1	7 8	10 50	3 56
5 6	7 4	11 33	1 22	11	M.	5 2	7 7	11 29	4 49
5 7	7 2	morn	2 18	12	T.	5 3	7 6	morn	5 42
5 8	7 1	14	3 20	13	W.	5 4	7 4	10	6 39
5 9	7 0	1 1	4 17	14	Th.	5 5	7 3	57	7 31
5 10	6 58	1 51	5 9	15	F.	5 6	7 1	1 46	8 21
5 11	6 57	2 45	5 55	16	S.	5 7	7 0	2 41	9 8
5 12	6 55	3 42	6 36	17	S.	5 8	6 58	3 38	9 51
5 13	6 54	4 40	7 15	18	M.	5 10	6 57	4 38	10 32
5 14	6 53	rises	7 53	19	T.	5 11	6 55	rises	11 15
5 15	6 51	7 23	8 30	20	W.	5 12	6 54	7 23	11 56
5 16	6 50	7 56	9 9	21	Th.	5 13	6 52	7 55	ev. 37
5 16	6 48	8 29	9 50	22	F.	5 14	6 51	8 28	1 20
5 17	6 47	9 5	10 35	23	S.	5 15	6 49	9 3	2 5
5 18	6 45	9 46	11 25	24	S.	5 16	6 48	9 43	2 53
5 19	6 44	10 31	ev. 22	25	M.	5 17	6 46	10 28	3 46
5 20	6 42	11 23	1 27	26	T.	5 18	6 44	11 19	4 44
5 21	6 41	morn	2 36	27	W.	5 19	6 43	morn	5 45
5 22	6 39	20	3 45	28	Th.	5 20	6 41	16	6 48
5 23	6 37	1 23	4 49	29	F.	5 21	6 39	1 19	7 50
5 24	6 36	2 30	5 47	30	S.	5 22	6 38	2 26	8 50
5 25	6 34	3 39	6 40	31	S.	5 23	6 36	3 36	9 45

# SEPTEMBER, 1902

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
New Moon... 2 D.	0 h. 19 m.	11 h. 19 (r)	10 h. 19 (r)
First Quarter. 9 D.	5 h. 15 m.	4 h. 15 m.	3 h. 15 m.
Full Moon... 17 D.	1 h. 23 m.	0 h. 23 m.	11 h. 23 m.
Last Quarter. 24 D.	11 h. 31 m.	10 h. 31 m.	9 h. 31 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., & Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y. Gov. Is.			Sun rises	Sun sets	Moon rises	H. W. Boston, N. Y. Gov. Is.
5 26	6 33	4 47	7 30	1	M.	5 24	6 35	4 45	10 39
5 27	6 31	sets	8 18	2	T.	5 26	6 33	sets	11 29
5 28	6 29	7 5	9 2	3	W.	5 27	6 31	7 4	morn
5 29	6 28	7 14	9 16	4	Th.	5 28	6 29	7 43	17
5 30	6 26	8 16	10 28	5	F.	5 29	6 28	8 14	1 3
5 31	6 25	8 53	11 10	6	S.	5 30	6 26	8 50	1 49
5 32	6 23	9 29	11 52	7	S.	5 31	6 24	9 26	2 35
5 33	6 21	10 10	morn	8	M.	5 32	6 22	10 6	3 23
5 34	6 20	10 54	37	9	T.	5 33	6 21	10 50	4 10
5 35	6 18	11 42	1 28	10	W.	5 34	6 19	11 38	5 1
5 36	6 16	morn	2 29	11	Th.	5 35	6 17	morn	5 54
5 37	6 15	35	3 31	12	F.	5 36	6 15	31	6 48
5 38	6 13	1 29	4 28	13	S.	5 37	6 14	1 26	7 39
5 39	6 11	2 27	5 16	14	S.	5 38	6 12	2 24	8 28
5 40	6 9	3 27	6 0	15	M.	5 39	6 10	3 25	9 14
5 41	6 8	4 28	6 42	16	T.	5 40	6 8	4 27	10 1
5 42	6 6	rises	7 24	17	W.	5 41	6 7	rises	10 45
5 43	6 4	6 30	8 5	18	Th.	5 43	6 5	6 28	11 26
5 44	6 3	7 7	8 46	19	F.	5 44	6 3	7 5	ev. 11
5 45	6 1	7 46	9 30	20	S.	5 45	6 1	7 43	55
5 46	5 59	8 32	10 18	21	S.	5 46	6 0	8 28	1 41
5 47	5 58	9 20	11 9	22	M.	5 47	5 58	9 16	2 31
5 48	5 56	10 16	ev. 6	23	T.	5 48	5 56	10 12	3 26
5 49	5 55	11 16	1 10	24	W.	5 49	5 54	11 12	4 25
5 50	5 53	morn	2 20	25	Th.	5 50	5 53	morn	5 28
5 51	5 52	21	3 30	26	F.	5 51	5 51	17	6 31
5 52	5 50	1 26	4 33	27	S.	5 52	5 49	1 23	7 35
5 53	5 48	2 33	5 31	28	S.	5 53	5 47	2 31	8 35
5 54	5 46	3 39	6 23	29	M.	5 54	5 46	3 37	9 31
5 54	5 44	4 43	7 11	30	T.	5 56	5 44	4 43	10 23

# OCTOBER, 1902

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
New Moon... 1 D.	0 h. 9 m.	11 h. 9 m.	10 h. 9 m.
First Quarter. 9 D.	0 h. 21 m.	11 h. 21 m.	10 h. 21 m.
Full Moon... 17 D.	1 h. 1 m.	0 h. 1 m.	11 h. 1 (16)
Last Quarter. 23 D.	5 h. 58 m.	4 h. 58 m.	3 h. 58 m.
New Moon... 31 D.	3 h. 13 m.	2 h. 13 m.	1 h. 13 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., & Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y. Gov. Is.			Sun rises	Sun sets	Moon rises	H. W. Boston, N. Y. Gov. Is.
5 56	5 43	5 46	7 56	1	W.	5 57	5 42	5 47	11 10
5 57	5 41	sets	8 39	2	Th.	5 58	5 40	sets	11 56
5 58	5 39	6 48	9 20	3	F.	5 59	5 39	6 45	morn
5 59	5 38	7 26	9 59	4	S.	6 0	5 37	7 22	40
6 0	5 36	8 5	10 37	5	S.	6 1	5 35	8 4	1 21
6 1	5 35	8 49	11 14	6	M.	6 2	5 33	8 44	2 4
6 2	5 33	9 35	11 53	7	T.	6 3	5 32	9 31	2 28
6 3	5 31	10 25	morn	8	W.	6 4	5 30	10 21	3 36
6 4	5 30	11 18	39	9	Th.	6 6	5 28	11 15	4 25
6 5	5 28	morn	1 35	10	F.	6 7	5 27	morn	5 16
6 7	5 27	14	2 40	11	S.	6 8	5 25	11	6 8
6 8	5 25	1 13	3 40	12	S.	6 9	5 23	1 11	7 1
6 9	5 23	2 12	4 34	13	M.	6 10	5 22	2 11	7 51
6 10	5 22	3 14	5 22	14	T.	6 11	5 20	3 14	8 40
6 11	5 20	4 17	6 9	15	W.	6 13	5 19	4 17	9 28
6 12	5 19	5 23	6 55	16	Th.	6 14	5 17	5 25	10 13
6 13	5 17	rises	7 40	17	F.	6 15	5 15	rises	11 0
6 14	5 16	6 25	8 25	18	S.	6 16	5 14	6 22	11 45
6 15	5 14	7 15	9 12	19	S.	6 17	5 12	7 11	ev. 32
6 16	5 13	8 10	10 1	20	M.	6 18	5 11	8 6	1 21
6 18	5 12	9 11	10 56	21	T.	6 20	5 9	9 6	2 13
6 19	5 10	10 13	11 52	22	W.	6 21	5 8	10 9	3 8
6 20	5 9	11 19	ev. 57	23	Th.	6 22	5 6	11 16	4 7
6 21	5 7	morn	2 5	24	F.	6 23	5 5	morn	5 10
6 22	5 6	24	3 9	25	S.	6 24	5 3	22	6 13
6 23	5 4	1 29	4 14	26	S.	6 26	5 2	1 28	7 18
6 24	5 3	2 33	5 11	27	M.	6 27	5 1	2 33	8 18
6 26	5 2	3 35	6 2	28	T.	6 28	4 59	3 35	9 14
6 27	5 1	4 36	6 50	29	W.	6 29	4 58	4 37	10 5
6 28	4 59	5 38	7 34	30	T.	6 31	4 57	5 40	10 52
6 29	4 58	6 36	8 15	31	F.	6 32	4 55	6 39	11 35

# NOVEMBER, 1902

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
First Quarter. 8 D.	7 h. 29 m.	6 h. 29 m.	5 h. 29 m.
Full Moon...15 D.	0 h. 5 m.	11 h. 5 m.	10 h. 5 m.
Last Quarter. 22 D.	2 h. 47 m.	1 h. 47 m.	0 h. 47 m.
New Moon...29 D.	9 h. 4 m.	8 h. 4 m.	7 h. 4 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., & Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon sets	H. W. N. Y. Gov. Is.			Sun rises	Sun sets	Moon sets	H. W. Boston. N. Yard
6 30	4 57	6 2	8 55	1	S.	6 33	4 54	5 58	morn
6 31	4 56	6 43	9 51	2	S.	6 34	4 53	6 39	15
6 32	4 54	7 28	10 7	3	M.	6 36	4 51	7 24	55
6 34	4 53	8 18	10 40	4	T.	6 37	4 50	8 13	1 35
6 35	4 52	9 9	11 16	5	W.	6 38	4 49	9 6	2 17
6 36	4 51	10 3	11 59	6	Th.	6 39	4 48	10 0	3 1
6 37	4 50	11 0	morn	7	F.	6 41	4 47	10 58	3 45
6 38	4 49	11 58	53	8	S.	6 42	4 45	11 56	4 37
6 40	4 48	morn	1 52	9	S.	6 43	4 44	morn	5 27
6 41	4 47	57	2 55	10	M.	6 44	4 43	56	6 20
6 42	4 46	1 59	3 54	11	T.	6 46	4 42	1 58	7 12
6 43	4 45	3 3	4 47	12	W.	6 47	4 41	3 3	8 4
6 44	4 44	4 9	5 32	13	Th.	6 48	4 40	4 10	8 54
6 46	4 43	5 16	6 28	14	F.	6 49	4 39	5 18	9 43
6 47	4 42	rises	7 17	15	S.	6 51	4 39	rises	10 33
6 48	4 41	5 57	8 7	16	S.	6 52	4 38	5 52	11 22
6 49	4 40	6 57	8 57	17	M.	6 53	4 37	6 53	ev. 12
6 50	4 39	8 2	9 48	18	T.	6 54	4 36	7 58	1 3
6 51	4 39	9 9	10 41	19	W.	6 56	4 35	9 6	1 56
6 53	4 38	10 16	11 38	20	Th.	6 57	4 34	10 13	2 51
6 54	4 38	11 22	ev. 40	21	F.	6 58	4 34	11 20	3 50
6 55	4 37	morn	1 42	22	S.	6 59	4 33	morn	4 50
6 56	4 36	27	2 47	23	S.	7 0	4 32	26	5 52
6 57	4 36	1 29	3 49	24	M.	7 2	4 32	1 29	6 56
6 58	4 35	2 29	4 46	25	T.	7 3	4 31	2 30	7 57
6 59	4 35	3 30	5 39	26	W.	7 4	4 31	3 32	8 53
7 0	4 35	4 29	6 27	27	T.	7 5	4 30	4 32	9 45
7 2	4 34	5 27	7 11	28	F.	7 6	4 30	5 30	10 32
7 3	4 34	6 22	7 52	29	S.	7 7	4 30	6 26	11 14
7 4	4 34	7 16	8 31	30	S.	7 8	4 29	7 21	11 52

# DECEMBER, 1902

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
First Quarter. 8 D.	1 h. 26 m.	0 h. 26 m.	11 h. 26 (7)
Full Moon...14 D.	10 h. 47 m.	9 h. 47 m.	8 h. 47 m.
Last Quarter. 21 D.	3 h. 0 m.	2 h. 0 m.	1 h. 0 m.
New Moon...29 D.	4 h. 25 m.	3 h. 25 m.	2 h. 25 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., & Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon sets	H. W. N. Y. Gov. Is.			Sun rises	Sun sets	Moon sets	H. W. Boston. N. Yard
7 5	4 34	6 11	9 7	1	M.	7 10	4 29	6 7	morn
7 6	4 33	7 2	9 40	2	T.	7 11	4 29	6 58	30
7 7	4 33	7 56	10 11	3	W.	7 12	4 28	7 52	1 8
7 8	4 33	8 51	10 45	4	Th.	7 13	4 28	8 48	1 46
7 9	4 32	9 48	11 26	5	F.	7 14	4 28	9 45	2 26
7 10	4 32	10 46	morn	6	S.	7 15	4 28	10 45	3 12
7 11	4 32	11 44	16	7	S.	7 16	4 28	11 44	3 59
7 12	4 32	morn	1 12	8	M.	7 17	4 28	morn	4 48
7 13	4 32	45	2 13	9	T.	7 17	4 28	46	5 41
7 14	4 32	1 47	3 15	10	W.	7 18	4 28	1 49	6 35
7 15	4 32	2 52	4 15	11	Th.	7 19	4 28	2 54	7 30
7 15	4 32	4 1	5 11	12	F.	7 20	4 28	4 4	8 24
7 16	4 33	5 10	6 5	13	S.	7 21	4 28	5 13	9 17
7 16	4 33	6 17	6 58	14	S.	7 22	4 28	6 21	10 10
7 17	4 33	rises	7 50	15	M.	7 22	4 29	rises	11 2
7 18	4 33	6 49	8 42	16	T.	7 23	4 29	6 45	11 54
7 18	4 33	7 59	9 34	17	W.	7 24	4 29	7 54	ev. 46
7 19	4 34	9 8	10 27	18	Th.	7 24	4 29	9 6	1 39
7 20	4 34	10 15	11 21	19	F.	7 25	4 30	10 14	2 33
7 20	4 35	11 21	ev. 18	20	S.	7 26	4 30	11 20	3 30
7 21	4 35	morn	1 17	21	S.	7 26	4 31	morn	4 28
7 21	4 36	22	2 17	22	M.	7 26	4 31	23	5 27
7 22	4 37	1 23	3 17	23	T.	7 27	4 32	1 25	6 28
7 22	4 37	2 24	4 16	24	W.	7 27	4 32	2 26	7 29
7 23	4 38	3 20	5 11	25	T.	7 28	4 33	3 23	8 28
7 23	4 39	4 17	6 2	26	F.	7 28	4 33	4 20	9 21
7 23	4 39	5 11	6 48	27	S.	7 28	4 34	5 15	10 8
7 23	4 40	6 2	7 28	28	S.	7 29	4 35	6 6	10 50
7 24	4 40	6 50	8 7	29	M.	7 29	4 36	6 54	11 27
7 24	4 41	sets	8 41	30	T.	7 29	4 37	sets	morn
7 24	4 42	6 44	9 14	31	W.	7 30	4 37	6 41	3

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**FOURTH CLASS.**—All mailable matter not included in the three preceding classes, which is so prepared for mailing as to be easily taken from the wrapper and examined. Rate, **one cent per ounce** or fraction thereof, except seeds, roots, cuttings, bulbs, plants and scions, which are 1 cent per two ounces. Limit of weight, 4 lbs. Full prepayment compulsory. Liquids, and other like injurious matter, not admitted, except under conditions which may be learned at any post-office.

Register all valuable letters and packages. **Registry fee, eight cents**, which, with the postage, must be fully prepaid.

**FEEs CHARGED FOR MONEY-ORDERS.**—For Money Orders in denominations of \$100 or less, the following fees are charged: For Orders for sums not exceeding \$2.50, 3 cents; \$2.50 to \$5, 5 cents; \$5 to \$10, 8 cents; \$10 to \$20, 10 cents; \$20 to \$30, 12 cents; \$30 to \$40, 15 cents; \$40 to \$50, 18 cents; \$50 to \$60, 20 cents; \$60 to \$75, 25 cents; \$75 to \$100, 30 cents.

## Foreign Postage.

To all Foreign Countries (except Canada and Mexico):

On Letters, **five cents for each half ounce** or fraction thereof—prepayment optional. Double rates are collected on delivery of unpaid or short-paid letters.

International Postal Card, two cents.

On Newspapers, Books, Pamphlets, Photographs, Sheet Music, Maps, Engravings, and similar printed matter, **one cent for each two ounces** or fraction thereof.

All matter except Letters must be prepaid. Letters and other packages may be registered on payment of a fee of eight cents.

To CANADA (including Nova Scotia, New Brunswick, Manitoba, and Prince Edward Island): **LETTERS, two cents for each ounce** or fraction thereof; Books, Circulars, and similar printed matter, **one cent for each two ounces** or fraction thereof; **SECOND CLASS MATTER** same as in the United States; **SAMPLES, one cent per two ounces** (must be paid at least two cents); **MERCHANDISE, one cent per ounce**. Packages must not exceed 4 lbs. in weight—prepayment compulsory. No *sealed* packages other than letters in their usual and ordinary form may be sent by mail to Canada.

To MEXICO and CUBA: Letters, Postal Cards, and printed matter, same rates as in the United States. **SAMPLES, one cent per two ounces**; **MERCHANDISE** other than Samples can only be sent by Parcel Post. No *sealed* packages other than letters in their usual and ordinary form may be sent by mail.

To PHILIPPINES, GUAM, PORTO RICO, and HAWAII, same rates as in the United States.

**LIMITS OF SIZE AND WEIGHT:** Packages of samples of merchandise to all countries must not exceed 12 ozs., nor measure more than 12 inches in length, 8 in breadth, and 4 in depth; and packages of printed matter must not exceed 4 lbs. 6 ozs.

**INTERNATIONAL OR FOREIGN MONEY-ORDER FEES.**—On Money Orders payable in foreign countries the following fees are charged: For Orders for sums of \$10 or less, 10 cents; \$10 to \$20, 20 cents; \$20 to \$30, 30 cents; \$30 to \$40, 40 cents; \$40 to \$50, 50 cents; \$50 to \$60, 60 cents; \$60 to \$70, 70 cents; \$70 to \$80, 80 cents; \$80 to \$90, 90 cents; \$90 to \$100, \$1.00.

## Interest Tables.

4%	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
4 DAY.	0	0	0	0	0	0	0	0	0	0	5	45
8 "	0	0	0	0	0	0	0	0	1	1	9	89
12 "	0	0	0	0	0	1	1	1	1	2	14	1.34
16 "	0	0	0	0	1	1	1	2	2	2	18	1.78
20 "	0	0	0	1	1	2	2	2	2	2	22	2.22
24 "	0	0	1	1	2	2	2	2	3	3	27	2.67
28 "	0	0	1	1	2	2	2	3	3	3	31	3.11
1 MO..	0	0	1	2	2	2	3	3	3	4	34	3.34
2 "	0	2	2	3	4	4	5	6	6	7	67	6.67
3 "	1	2	3	4	5	6	7	8	9	10	1.00	10.00
6 "	2	4	6	8	10	12	14	16	18	20	2.00	20.00
1 YR..	4	8	12	16	20	24	28	32	36	40	4.00	40.00

5%	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
4 DAY.	0	0	0	0	0	0	0	0	0	0	6	56
8 "	0	0	0	0	0	0	1	1	1	1	11	1.11
12 "	0	0	0	0	1	1	1	2	2	2	17	1.67
16 "	0	0	0	1	1	2	2	2	2	2	22	2.22
20 "	0	0	1	1	2	2	2	2	3	3	28	2.74
24 "	0	0	1	2	2	2	3	3	3	4	34	3.34
28 "	0	1	1	2	2	3	3	3	4	4	39	3.84
1 MO..	0	1	2	2	2	3	3	4	4	4	42	4.17
2 "	1	2	3	4	4	5	6	7	8	9	84	8.34
3 "	2	3	4	5	6	7	9	10	11	13	1.25	12.50
6 "	3	5	8	10	13	15	18	20	23	25	2.50	25.00
1 YR..	5	10	15	20	25	30	35	40	45	50	5.00	50.00

6%	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
4 DAY.	0	0	0	0	0	0	0	1	1	1	7	.67
8 "	0	0	0	1	1	1	1	1	1	1	13	1.33
12 "	0	0	1	1	1	1	1	2	2	2	20	2.00
16 "	0	1	1	1	1	2	2	2	2	3	27	2.67
20 "	1	1	1	2	2	2	2	3	3	3	33	3.33
24 "	1	1	1	2	2	2	3	3	4	4	40	4.00
1 MO..	1	1	2	2	3	3	4	4	5	5	50	5.00
2 "	1	2	3	4	5	6	7	8	9	10	1.00	10.00
3 "	2	3	5	6	8	9	11	12	14	15	1.50	15.00
6 "	3	6	9	12	15	18	21	24	27	30	3.00	30.00
1 YR..	6	12	18	24	30	36	42	48	54	60	6.00	60.00

## Rules for Computing Interest.

The following will be found to be excellent rules for finding the interest on any principal for any number of days. When the principal contains cents, point off four places from the right of the result to express the interest in dollars and cents. When the principal contains dollars only, point off two places.

Four per Cent.—Multiply the principal by the number of days to run, and divide by 90.

Five per Cent.—Multiply by number of days, and divide by 72.

Six per Cent.—Multiply by number of days, and divide by 60.

Seven per Cent.—Multiply by number of days, and divide by 52.

Eight per Cent.—Multiply by number of days, and divide by 45.

Nine per Cent.—Multiply by number of days, and divide by 40.

Ten per Cent.—Multiply by number of days, and divide by 36.

Twelve per Cent.—Multiply by number of days, and divide by 30.

Fifteen per Cent.—Multiply by number of days, and divide by 24.

Eighteen per Cent.—Multiply by number of days, and divide by 20.

Twenty per Cent.—Multiply by number of days, and divide by 18.

Twenty-four per Cent.—Multiply by number of days, and divide by 15.

## Rate of Income on Stocks.

Purchased at the following prices (par value being \$100), and bearing interest at the following rates:

Paid.	3%	4%	5%	6%	7%	8%	9%
\$50	6.00	8.00	10.00	12.00	14.00	16.00	18.00
55	5.45	7.27	9.09	10.90	12.72	14.55	16.36
60	5.00	6.67	8.33	10.00	11.66	13.33	15.00
65	4.62	6.15	7.69	9.23	10.76	12.30	13.85
70	4.28	5.71	7.14	8.57	10.00	11.42	12.85
75	4.00	5.33	6.66	8.00	9.33	10.66	12.00
80	3.75	5.00	6.25	7.50	8.75	10.00	11.25
85	3.53	4.70	5.88	7.05	8.23	9.41	10.58
90	3.33	4.44	5.55	6.66	7.77	8.88	10.00
91	3.30	4.40	5.49	6.59	7.69	8.79	9.89
92	3.26	4.34	5.43	6.52	7.60	8.70	9.78
93	3.23	4.30	5.38	6.45	7.53	8.60	9.68
94	3.19	4.26	5.32	6.38	7.45	8.51	9.57
95	3.15	4.21	5.26	6.31	7.36	8.42	9.47
96	3.13	4.17	5.21	6.25	7.29	8.33	9.38
97	3.09	4.12	5.15	6.18	7.22	8.25	9.28
98	3.06	4.08	5.10	6.12	7.14	8.16	9.18
99	3.03	4.04	5.05	6.06	7.07	8.08	9.09
101	2.97	3.96	4.95	5.94	6.93	7.92	8.91
102	2.94	3.92	4.90	5.88	6.86	7.84	8.82
103	2.91	3.88	4.85	5.83	6.80	7.77	8.74
104	2.88	3.85	4.81	5.77	6.73	7.69	8.65
105	2.86	3.80	4.76	5.71	6.66	7.61	8.57
106	2.83	3.77	4.72	5.66	6.60	7.55	8.49
107	2.80	3.74	4.67	5.61	6.54	7.48	8.41
108	2.78	3.70	4.63	5.56	6.48	7.41	8.33
109	2.75	3.67	4.59	5.50	6.42	7.34	8.26
110	2.72	3.63	4.54	5.45	6.36	7.27	8.18
120	2.50	3.33	4.16	5.00	5.83	6.66	7.50

## Table of Wages.

### TABLE OF WAGES BY THE WEEK.

Wages	One hour.	Five hours.	Eight hours.	Nine hours.	One day.	Two days.	Three days.	Four days.	Five days.	Six days.
\$3	.05	.25	.40	.45	.50	1.00	1.50	2.00	2.50	3.00
4	.06 <sup>2</sup> / <sub>3</sub>	.33 <sup>1</sup> / <sub>3</sub>	.53 <sup>1</sup> / <sub>3</sub>	.60	.66 <sup>2</sup> / <sub>3</sub>	1.33 <sup>1</sup> / <sub>3</sub>	2.00	2.66 <sup>2</sup> / <sub>3</sub>	3.33 <sup>1</sup> / <sub>3</sub>	4.00
5	.08 <sup>1</sup> / <sub>3</sub>	.41 <sup>2</sup> / <sub>3</sub>	.66 <sup>2</sup> / <sub>3</sub>	.75	.83 <sup>1</sup> / <sub>3</sub>	1.66 <sup>2</sup> / <sub>3</sub>	2.50	3.33 <sup>1</sup> / <sub>3</sub>	4.16 <sup>2</sup> / <sub>3</sub>	5.00
6	.10	.50	.80	.90	1.00	2.00	3.00	4.00	5.00	6.00
7	.11 <sup>2</sup> / <sub>3</sub>	.58 <sup>1</sup> / <sub>3</sub>	.93 <sup>1</sup> / <sub>3</sub>	1.05	1.16 <sup>2</sup> / <sub>3</sub>	2.33 <sup>1</sup> / <sub>3</sub>	3.50	4.66 <sup>2</sup> / <sub>3</sub>	5.83 <sup>1</sup> / <sub>3</sub>	7.00
8	.13 <sup>1</sup> / <sub>3</sub>	.66 <sup>2</sup> / <sub>3</sub>	1.06 <sup>2</sup> / <sub>3</sub>	1.20	1.33 <sup>1</sup> / <sub>3</sub>	2.66 <sup>2</sup> / <sub>3</sub>	4.00	5.33 <sup>1</sup> / <sub>3</sub>	6.66 <sup>2</sup> / <sub>3</sub>	8.00
9	.15	.75	1.20	1.35	1.50	3.00	4.50	6.00	7.50	9.00
10	.16 <sup>2</sup> / <sub>3</sub>	.83 <sup>1</sup> / <sub>3</sub>	1.33 <sup>1</sup> / <sub>3</sub>	1.50	1.66 <sup>2</sup> / <sub>3</sub>	3.33 <sup>1</sup> / <sub>3</sub>	5.00	6.66 <sup>2</sup> / <sub>3</sub>	8.33 <sup>1</sup> / <sub>3</sub>	10.00
11	.18 <sup>1</sup> / <sub>3</sub>	.91 <sup>2</sup> / <sub>3</sub>	1.46 <sup>2</sup> / <sub>3</sub>	1.65	1.83 <sup>1</sup> / <sub>3</sub>	3.66 <sup>2</sup> / <sub>3</sub>	5.50	7.33 <sup>1</sup> / <sub>3</sub>	9.16 <sup>2</sup> / <sub>3</sub>	11.00
12	.20	1.00	1.60	1.80	2.00	4.00	6.00	8.00	10.00	12.00
13	.21 <sup>2</sup> / <sub>3</sub>	1.08 <sup>1</sup> / <sub>3</sub>	1.73 <sup>1</sup> / <sub>3</sub>	1.95	2.16 <sup>2</sup> / <sub>3</sub>	4.33 <sup>1</sup> / <sub>3</sub>	6.50	8.66 <sup>2</sup> / <sub>3</sub>	10.83 <sup>1</sup> / <sub>3</sub>	13.00
14	.23 <sup>1</sup> / <sub>3</sub>	1.16 <sup>2</sup> / <sub>3</sub>	1.86 <sup>2</sup> / <sub>3</sub>	2.10	2.33 <sup>1</sup> / <sub>3</sub>	4.66 <sup>2</sup> / <sub>3</sub>	7.00	9.33 <sup>1</sup> / <sub>3</sub>	11.66 <sup>2</sup> / <sub>3</sub>	14.00
15	.25	1.25	2.00	2.25	2.50	5.00	7.50	10.00	12.50	15.00
16	.26 <sup>2</sup> / <sub>3</sub>	1.33 <sup>1</sup> / <sub>3</sub>	2.13 <sup>1</sup> / <sub>3</sub>	2.40	2.66 <sup>2</sup> / <sub>3</sub>	5.33 <sup>1</sup> / <sub>3</sub>	8.00	10.66 <sup>2</sup> / <sub>3</sub>	13.33 <sup>1</sup> / <sub>3</sub>	16.00
17	.28 <sup>1</sup> / <sub>3</sub>	1.41 <sup>2</sup> / <sub>3</sub>	2.26 <sup>2</sup> / <sub>3</sub>	2.55	2.83 <sup>1</sup> / <sub>3</sub>	5.66 <sup>2</sup> / <sub>3</sub>	8.50	11.33 <sup>1</sup> / <sub>3</sub>	14.16 <sup>2</sup> / <sub>3</sub>	17.00
18	.30	1.50	2.40	2.70	3.00	6.00	9.00	12.00	15.00	18.00
19	.31 <sup>2</sup> / <sub>3</sub>	1.58 <sup>1</sup> / <sub>3</sub>	2.53 <sup>1</sup> / <sub>3</sub>	2.85	3.16 <sup>2</sup> / <sub>3</sub>	6.33 <sup>1</sup> / <sub>3</sub>	9.50	12.66 <sup>2</sup> / <sub>3</sub>	15.83 <sup>1</sup> / <sub>3</sub>	19.00
20	.33 <sup>1</sup> / <sub>3</sub>	1.66 <sup>2</sup> / <sub>3</sub>	2.66 <sup>2</sup> / <sub>3</sub>	3.00	3.33 <sup>1</sup> / <sub>3</sub>	6.66 <sup>2</sup> / <sub>3</sub>	10.00	13.33 <sup>1</sup> / <sub>3</sub>	16.66 <sup>2</sup> / <sub>3</sub>	20.00
24	.40	2.00	3.20	3.60	4.00	8.00	12.00	16.00	20.00	24.00

This Table is based upon the usual calculation of 10 hours to a day.

## Weights—Measures.

**MEASURES OF WEIGHT.**—*Avoirdupois*: 1 pound equals 7000 grains; 16 drams, 1 ounce; 16 ounces, 1 pound; 112 pounds, 1 hundredweight; 20 hundredweight, 1 ton. *Troy*: 1 pound equals 5760 grains; 24 grains, 1 pennyweight; 20 pennyweights, 1 ounce; 12 ounces, 1 pound. *Apothecaries*: 1 pound equals 5760 grains; 20 grains, 1 scruple; 3 scruples, 1 dram; 8 drams, 1 ounce; 12 ounces, 1 pound. *Metric*: 1 kilogramme equals 1000 grammes, equals 2.2 Avoirdupois pounds.

**MEASURES OF LENGTH.**—*Customary*: 12 inches equal 1 foot; 16½ feet, 1 rod; 40 rods, 1 furlong; 8 furlongs, 1 statute mile; 1 statute mile, 5280 feet or 1760 yards; 1 marine league, 3 nautical miles; 1 fathom, 6 feet; 1 nautical mile equals 6080.2 feet. *Metric*: 1000 millimetres equal 1 metre; 1000 metres, 1 kilometre; 1 metre equals 39.37 inches.

**SURFACE OR SQUARE MEASURE.**—*Customary*: 144 square inches equal 1 square foot; 9 square feet, 1 square yard; 30.25 square yards, 1 square rod; 40 square rods, 1 square rood; 4 square roods, 1 acre; 640 acres, 1 square mile; 1 acre equals 208.7 feet square. *Metric*: 1 square metre equals 10.764 square feet; 100 square metres equal 1 are; 1 hectare equals 100 ares, or 2.471 acres.

**SOLID OR CUBIC MEASURE.**—*Customary*: 1728 cubic inches equal 1 cubic foot; 27 cubic feet, 1 cubic yard; 40 cubic feet of round timber, 1 ton; 50 cubic feet of hewn timber, 1 ton; 128 cubic feet of wood (4 feet by 4 feet by 8 feet), 1 cord; 24.75 cubic feet of stone, 1 perch—usually 16½ feet by 1½ feet by 1 foot, but varies greatly. *Metric*: 1000 cubic centimetres equal 1 litre; 1 litre equals 1.0567 quarts.

**LIQUID MEASURE.**—English gallon equals 277.274 cubic inches, or 1.20032 U. S. gallons; 4 gills, 1 pint; 2 pints, 1 quart; 4 quarts, 1 gallon.

**DRY MEASURE.**—1 bushel equals 2150.42 cubic inches; 2 pints, 1 quart; 4 quarts, 1 gallon; 2 gallons, 1 peck; 4 pecks, 1 bushel. *Metric*: 10 millilitres equal 1 centilitre; 10 centilitres, 1 decilitre; 10 decilitres, 1 litre; 1 litre, 0.908 dry quart.

### CAPACITY OF BOXES.

25 in. sq., 11.66 in. deep	=	Approx. 1 wine barrel.
20 " " 9.10 " "	=	1 wine half barrel.
17 "x 14 in. 9.00 " "	=	1 bushel.
10 "x 12 " 9.00 " "	=	½ "
8 " sq., 8.40 " "	=	1 peck.
8 " " 4.20 " "	=	1 gal. (dry measure).
7 " diam., 6.00 " "	=	1 gal. (liquid measure).

## The Metric System.

The Metric System of Weights and Measures has been legalized by act of Congress, July 18, 1896.

**METRIC WEIGHTS.**—10 milligrams make 1 centigram, 10 centigrams 1 decigram, 10 decigrams 1 gram, 10 grams 1 dekagram, 10 dekagrams 1 hektogram, 10 hektograms 1 kilogram, 1,000 kilograms 1 metric ton.

**METRIC MEASURES.**—(One milliliter equals cubic centimeter.) 10 milliliters make 1 centiliter, 10 centiliters 1 deciliter, 10 deciliters 1 liter, 10 liters 1 dekaliter, 10 dekaliters 1 hektoliter, 10 hektoliters 1 kiloliter.

**METRIC LENGTHS.**—10 millimeters make 1 centimeter, 10 centimeters 1 decimeter, 10 decimeters 1 meter, 10 meters 1 dekameter, 10 dekameters 1 hektometer, 10 hektometers 1 kilometer.

### APPROXIMATE EQUIVALENTS.

A meter is about a yard; a kilo is about 2 pounds; a liter is about a quart; a centimeter is about ⅓ inch; a metric ton is about same as an ordinary ton; a kilometer is about ⅓ mile; a cubic centimeter is about a thimbleful. A nickel five-cent piece of our coinage is a handy key to metric measures and weights. It is two centimeters in diameter and weighs five grams.

### PRECISE EQUIVALENTS.

1 acre equals .4047 hectar; 1 bushel, 35.24 liters; 1 centimeter .3937 inch; 1 cubic centimeter, .0610 cubic inch; 1 cubic foot, .0283 cubic meter; 1 cubic inch, 16.39 cubic cent.; 1 cubic meter, 35.31 cubic feet; 1 cubic meter, 1.308 cubic yards; 1 cubic yard, .7645 cubic meter; 1 foot, 30.48 centimeters; 1 gallon, 3.785 liters; 1 grain, .0648 gram; 1 gram, 15.43 grains; 1 hectar, 2.471 acres; 1 inch, 25.40 millimeters; 1 kilogram, 2.05 pounds; 1 kilometer, .6214 mile; 1 liter, .9081 quart (dry); 1 liter, 1.057 quart (liquid); 1 meter, 3.281 feet; 1 mile, 1.609 kilometers; 1 millimeter, .0394 inch; 1 ounce (avd.), 28.35 grams; 1 ounce (Troy), 31.10 grams; 1 peck, 8.809 liters; 1 pint, .4732 liter; 1 pound, .4536 kilogram; 1 quart (dry), 1.101 liters; 1 quart (liquid), .9464 liter; 1 sq. centimeter, .1550 sq. inch; 1 sq. foot, .0929 sq. meter; 1 sq. inch, 6.452 sq. cent.; 1 sq. meter, 1.196 sq. yards; 1 sq. meter, 10.76 sq. feet; 1 sq. yard, .8361 sq. meter; 1 ton (2,000 lbs.), .9072 metric ton; 1 ton (2,240 lbs.), 1.017 metric ton; 1 ton (metric), 1.102 ton (2,000 lbs.); 1 ton (metric), 9.842 ton (2,240 lbs.); 1 yard, .9144 meter.

# PRESIDENTS OF THE UNITED STATES.

Names.	Born.	Inaugurated.	In Office.	Died.	Native of
George Washington.	Feb. 22, 1732	April 30, 1789	8 years.	Dec. 14, 1799	Virginia.
John Adams.....	Oct. 30, 1735	Mar. 4, 1797	4 " "	July 4, 1826	Mass.
Thomas Jefferson...	April 2, 1743	" 4, 1801	8 " "	July 4, 1826	Virginia.
James Madison.....	Mar. 16, 1751	" 4, 1809	8 " "	June 28, 1836	"
James Monroe.....	April 2, 1759	" 4, 1817	8 " "	July 4, 1831	Mass.
John Quincy Adams.	July 11, 1767	" 4, 1825	8 " "	Feb. 23, 1848	S. Carol.
Andrew Jackson....	Mar. 15, 1767	" 4, 1829	8 " "	June 8, 1845	New-York.
Martin Van Buren...	Dec. 5, 1782	" 4, 1837	4 " "	Dec. 27, 1862	Virginia.
William H. Harrison.	Feb. 9, 1773	" 4, 1841	1 month.	April 4, 1841	"
John Tyler.....	Mar. 20, 1790	April 5, 1841	3 yrs. 11 m.	Jan. 17, 1862	N. Carol.
James K. Polk.....	Nov. 2, 1795	Mar. 4, 1845	4 years.	June 15, 1849	Virginia.
Zachary Taylor.....	Nov. 24, 1790	" 4, 1849	1 yr. 4 m.	July 9, 1850	New-York.
Millard Fillmore....	May 7, 1800	July 10, 1850	2 yrs. 8 m.	Mar. 8, 1874	N. Hamp.
Franklin Pierce.....	Nov. 23, 1804	Mar. 4, 1853	4 years.	Oct. 8, 1869	Pennsylva.
James Buchanan....	April 23, 1791	" 4, 1857	4 " "	June 1, 1868	Kentucky.
Abraham Lincoln...	Feb. 12, 1809	" 4, 1861	4 yrs. 40 d.	April 15, 1865	N. Carol.
Andrew Johnson....	Dec. 29, 1808	April 15, 1865	3 yrs. 11 m.	July 31, 1875	Ohio.
Ulysses S. Grant....	April 27, 1822	Mar. 4, 1869	8 years.	July 23, 1885	"
Rutherford B. Hayes	Oct. 4, 1822	" 5, 1877	4 " "	Jan. 17, 1893	"
James A. Garfield...	Nov. 19, 1831	" 4, 1881	6 m. 15 d.	Sept. 19, 1881	Vermont.
Chester A. Arthur...	Oct. 5, 1830	Sept. 19, 1881	3 yrs. 5 m.	Nov. 18, 1886	N. Jersey.
Grover Cleveland...	Mar. 18, 1837	" 4, 1885	4 years.	" " " "	Ohio.
Benjamin Harrison...	Aug. 20, 1833	" 4, 1889	4 " "	Mar. 13, 1901	N. Jersey.
Grover Cleveland...	Mar. 18, 1837	" 4, 1893	4 " "	" " " "	Ohio.
William McKinley...	Jan. 29, 1843	" 4, 1897	4 " "	" " " "	"

# Revenue Stamps.

Bankers — for first \$25,000 of capital.....	\$50.00
For each \$1,000 in excess of \$25,000.....	2.00
Stock Brokers, \$50.00; Pawnbrokers .....	20.00
Custom House Brokers.....	10.00
Theatres, Museums and Concert Halls in cities, population 25,000 .....	100.00
Circus .....	100.00
Public Exhibitions .....	10.00
Bowling Alleys, each alley.....	5.00
Billiard Rooms, each table.....	5.00
Bill of Exchange (foreign) for each \$100 or fraction (not in sets).....	.02
In sets, for each bill or set, for each \$100 .....	.02
Bill of Exchange (inland) for each \$100 or fraction.....	.02
Draft .....	.02
Bonds — issued by companies, per \$100 .....	.05
Foreign, per \$100 .....	.05
Agreement of Sale of Merchandise, per \$100.....	.01
Bond, indemnifying .....	.50
Custom House — Entry value, \$100, 25 cents; \$500.....	.50
Over \$500.....	1.00
Entry for withdrawal .....	.50
Certificates of Stock, original issue, each \$100.....	.05
Stocks on sales or transfers, per \$100 — includes Bucket Shops .....	.02
Money Orders — Foreign Telegraph — per \$100.....	.04
Foreign Letters of Credit — per \$100.....	.04
Drafts payable on time, per \$100 or fraction.....	.02
Parlor Car Seat, 1 cent; Sleeping Car Berth.....	.01
Tobacco — per pound, 12 cents; Tea — per pound.....	.10
Deed of Real Estate, for first \$2,500 .....	.50
Each additional \$500.....	.25
Mixed Flour — upon the person or company engaged in business, per annum .....	12.00
On each barrel, 4 cents; one-half barrel, 2 cents; one-quarter barrel, 1 cent; one-eighth barrel.....	.01½
Beer and other fermented liquors, per barrel .....	1.60
Cigars — weighing not more than 3 lbs. per 1,000, per lb. ....	.18
Weighing more than 3 lbs. per 1,000, per thousand.	3.00
Cigarettes — weighing more than 3 lbs. per 1,000, per thousand .....	3.60
Weighing not more than 3 lbs. per 1,000, wholesale value not more than \$2.00 per 1,000, per lb..	.18
Weighing not more than 3 lbs. per 1,000, wholesale value more than \$2.00 per 1,000, per pound ..	.36

## Principal Cities.

POPULATION, DISTANCE FROM NEW-YORK, AND DIFFERENCE BETWEEN MEAN AND STANDARD TIME.

CITIES.	Population 1900.	Miles	Hours	Stan. Time — } Mean + } Time.
New-York, N. Y.....	3,437,202	.....	.....	— 4 m.
Chicago, Ill.....	1,698,575	912	24.	— 9
Philadelphia, Pa.....	1,293,697	90	2.	+ 1
St. Louis, Mo.....	575,238	1065	29.40	+ 1
Boston, Mass.....	560,892	234	5.	— 16
Baltimore, Md.....	508,957	188	4.09	+ 6
Cleveland, Ohio.....	381,768	595	14.20	+ 27
Buffalo, N. Y.....	352,387	410	8.20	+ 16
San Francisco, Cal....	342,782	3269	100.15	+ 10
Cincinnati, Ohio.....	325,902	757	21.10	— 22
Pittsburgh, Pa.....	321,616	444	12.	+ 20
New Orleans, La.....	287,104	1371	48.	0
Detroit, Mich.....	285,704	646	16.55	— 28
Milwaukee, Wis.....	285,315	997	27.10	— 8
Washington, D. C.....	278,718	228	5.25	+ 8
Newark, N. J.....	246,070	10	.30	— 3
Louisville, Ky.....	204,731	867	24.30	— 18
Minneapolis, Minn....	202,718	1332	39.	+ 12
Providence, R. I.....	175,597	188	4.01	— 14
Indianapolis, Ind.....	169,164	825	22.30	— 16
Kansas City, Mo.....	163,752	1385	41.30	+ 19
St. Paul, Minn.....	163,065	1322	38.40	+ 12
Rochester, N. Y.....	162,608	371	6.55	+ 11
Denver, Col.....	133,859	1974	60.	0
Toledo, Ohio.....	131,822	706	17.30	— 16
Columbus, Ohio.....	125,560	540	17.	— 28
Worcester, Mass.....	118,421	190	5.	— 13
Syracuse, N. Y.....	108,374	291	5.28	+ 5
Omaha, Neb.....	102,555	1402	41.30	+ 14
Los Angeles, Cal.....	102,479	3177	100.	— 7
Albany, N. Y.....	94,151	143	2.45	— 5
Portland, Ore.....	90,426	3226	112.30	+ 20
Grand Rapids, Mich..	87,565	934	23.08	— 17
Seattle, Wash.....	80,671	3358	120.	+ 10
Des Moines, Iowa....	62,139	1270	41.	+ 14
Savannah, Ga.....	54,244	904	31.	+ 24
Salt Lake City, Utah..	53,531	2471	72.	+ 28
Lincoln, Neb.....	40,169	1460	30.30	+ 22
Tacoma, Wash.....	37,714	3209	128.	+ 9

## Foreign Coins.

DENOMINATION.	COUNTRY.	Equivalent U. S. Money.
Alfonso.....	Spain.....	\$4.80.
Boliviano.....	Bolivia.....	.69.8
Crown.....	Nor'y, Swed'n, Den'k.	.26.8
Dollar.....	British America.....	1.00.
".....	Mexico.....	.75 8
".....	Spain.....	.94.
Drachma.....	Greece.....	.19.3
Florin.....	Austria.....	.34.5
".....	Netherlands.....	.40.2
Franc.....	France, Belg., Switz..	.19.3
20 Kroner.....	Nor'y, Swed'n, Den'k.	5.25.
Lira.....	Italy.....	.19.3
Mark.....	German Empire.....	.23.8
Milreis of 1000 reis.....	Brazil.....	.54.6
".....	Portugal.....	1.08.
Peseta of 100 centimes.....	Spain.....	.19.3
Peso.....	Chili.....	.91.2
".....	Cuba.....	.92.6
Piaster.....	Egypt.....	.04.9
".....	Turkey.....	.04.4
Pound Sterling (Sovereign)	England.....	4.87.
Rouble of 100 copecks.....	Russia.....	.55.8
Shilling.....	England.....	.24.
Sol.....	Peru.....	.69.8
Thaler (3 marks).....	Germany.....	.70.
Yen.....	Japan.....	.88.8

### Explanation of the Currencies of the various Countries.

AUSTRIA AND RUSSIA.—The Paper Currencies are continually subject to important fluctuations.

In FRANCE, BELGIUM, SWITZERLAND, AND ITALY, 1 franc = 100 centimes. GERMANY, 1 mark = 100 pfennig. HOLLAND, 1 florin or gulden = 100 cents. NORWAY, SWEDEN, AND DENMARK, 1 kroner = 100 öre. UNITED STATES, 1 dollar = 100 cents. SPAIN, 1 peseta = 100 centavos. AUSTRIA, 1 florin = 100 kreuzer. PORTUGAL, 1 milreis = 1000 reis. GREECE, 1 drachma = 100 leptas. TURKEY, 1 piaster = 40 paras. RUSSIA, 1 rouble = 100 copecks.

Italian notes and silver are not current in France, Belgium, and Switzerland, but the silver of these countries passes current in Italy.

## Help in Case of Accidents.

**DROWNING.**—1. Loosen clothing, if any. 2. Empty lungs of water by laying body on its stomach, and lifting it by the middle so that the head hangs down. Jerk the body a few times. 3. Pull tongue forward, using handkerchief, or pin with string, if necessary. 4. Imitate motion of respiration by alternately compressing and expanding the lower ribs, about twenty times a minute. Alternately raising and lowering the arms from the sides up above the head will stimulate the action of the lungs. Let it be done gently but persistently. 5. Apply warmth and friction to extremities. 6. By holding tongue forward, closing the nostrils, and pressing the "Adam's apple" back (so as to close entrance to stomach), direct inflation may be tried. Take a deep breath and breathe it forcibly into the mouth of patient, compress the chest to expel the air, and repeat the operation. 7. **DON'T GIVE UP!** People have been saved after HOURS of patient, vigorous effort. 8. When breathing begins, get patient into a warm bed, give WARM drinks, or spirits in teaspoonfuls, fresh air, and quiet.

**SUNSTROKE.**—There are two important indications for treatment—reduction of temperature and the use of stimulants. The patient should first be removed to a cooler spot if possible, or at least where shade can be secured. The treatment should be begun at once. The clothing about the neck and body must be either loosened or removed. Cold is particularly indicated in cases where there is great heat of the body, and delirium and convulsive movements are present. This means of reducing the temperature may be applied in the shape of cracked ice about the head and spine, or the use of cold water. If the heat of the body is very great, it may be necessary to wrap the patient in sheets wet with cold water. If there is, besides the great heat, evidence of serious depression, stimulants must be used while the cold is being applied.

**HÆMORRHAGE.**—The usual treatment is rest in the recumbent position; small pieces of ice should be freely swallowed, and the application of ice wrapped in a towel or in an ice-bag, or snow, cold water, etc., over the stomach; hot applications may be applied to the extremities.

**FIRE IN A BUILDING.**—Crawl on the floor. The clearest air is the lowest in the room. Cover head with woolen wrap, wet if possible. Cut holes for the eyes. *Don't get excited.*

## Help in Case of Accidents.

**BURNS AND SCALDS.**—Cover with cooking soda and lay wet cloths over it. Whites of eggs and olive oil. Olive oil or linseed oil, plain, or mixed with chalk or whiting. Sweet or olive oil and lime-water. Shock, which is always present in severe burns, requires the administration of stimulants. Pain is more constant and intense in burns than in any other form of injury, and requires sedatives, which should be administered by the medical attendant. Later on the appearances of inflammation and other complications are to be carefully watched for.

**SUFFOCATION FROM INHALING ILLUMINATING GAS.**—Get into the fresh air as soon as possible and lie down. Keep warm. Take ammonia—twenty drops to a tumbler of water, at frequent intervals; also, two to four drops tincture of nux vomica every hour or two for five or six hours.

**TESTS OF DEATH.**—Hold mirror to mouth. If living, moisture will gather. Push pin into flesh. If dead, the hole will remain; if alive, it will close up. Place fingers in front of a strong light. If alive, they will appear red; if dead, black or dark.

**MAD DOG OR SNAKE-BITE.**—Tie cord tight above wound. Suck the wound and cauterize with caustic or white-hot iron at once, or cut out adjoining parts with a sharp knife. Give stimulants, as whisky, brandy, etc.

**FIRE IN ONE'S CLOTHING.**—*Don't run*—especially not downstairs or out-of-doors. Roll on carpet, or wrap in woolen rug or blanket. Keep the head down, so as not to inhale flame.

**FIRE FROM KEROSENE.**—*Don't use water*, it will spread the flames. Dirt, sand, or flour is the best extinguisher, or smother with woolen rug, table-cloth, or carpet.

**CINDERS IN THE EYE.**—Roll soft paper up like a lamp lighter, and wet the tip to remove, or use a medicine dropper to draw it out. Rub the *other* eye.

**FAINTING.**—Place flat on back; allow fresh air, and sprinkle with water. Place head lower than rest of body.

**STINGS OF VENOMOUS INSECTS, ETC.**—Apply weak ammonia, oil, salt water, or iodine.

**LIGHTNING.**—Dash cold water over a person struck.

## Poisons and Antidotes.

**FIRST.**—Send for a physician.

**SECOND.**—**INDUCE VOMITING**, by tickling throat with feather or finger. Drink hot water or strong mustard and water. Swallow sweet oil or whites of eggs.

*Acids are antidotes for alkalis, and vice versa.*

**ACIDS, MINERAL.**—Chalk, magnesia (plaster off wall in emergency), solution carbonate of soda, emollient drinks, fixed oils.

**ACID, CARBOLIC.**—Any soluble sulphate, such as magnesia.

**ACID, HYDROCYANIC.**—Fresh air and artificial respiration, with cold effusion. Ammonia by inhalation and intravenously in vein of leg.

**ACONITE.**—Emetics, stimulants, external and internal; keep up external heat, keep flat on back.

**ANTIMONY TART.**—Vegetable acids, such as tannic acid, catechu.

**ARSENIC.**—Freshly precipitated hydrated sesquioxide of iron made by adding magnesia to any iron solution.

**ATROPIA.**—Same as Belladonna.

**BELLADONNA.**—Emetics—mustard flour in water; give physostigma or pilocarpine; cold to head.

**CANTHARIDES.**—Emetics, emollient drinks, opiates by mouth and rectum, large draughts of water to flush kidneys.

**CHLORINE WATER.**—Albumen, white of egg, milk, flour.

**CHLOROFORM.**—Fresh air, artificial respiration (inclining head down, pull tongue forward), brandy and ammonia intravenously in leg, the **HYPODERMIC** injection of 15 m. tincture of digitalis and 1-60 of a grain of atropine.

**COLCHICUM.**—Emetics, followed by demulcent drinks. If coma be present brandy, ammonia, coffee. Opium in large dose. Keep up external heat.

**CONIUM.**—Emetics, followed by stimulants external and internal.

**CORROSIVE SUBLIMATE.**—Albumen, white of egg (4 gr. sublimate require white of one egg), flour, milk. Equal parts of lime water and milk. Emetics, or evacuate stomach by pump.

## Poisons and Antidotes.

**COPPER SULPH.**—Yellow prussiate of potash or soap.

**CROTON OIL.**—Emetics; wash out stomach, followed by mucilaginous fluids, containing opium.

**DIGITALIS.**—Recumbent posture after emetics. Emetics and opium; give tincture aconite.

**ELATERIUM.**—Demulcent drinks, enemata of opium, and external heat.

**HYOSCYAMUS.**—Stomach pump, emetics, stimulants external and internal, physostigma and pilocarpine.

**ILLUMINATING GAS.**—Hypodermic injections of nitroglycerin are recommended by Kloman, of Baltimore.

**IODINE.**—Emetics and demulcent drinks, starch or flour diffused in water, opium and external heat.

**LEAD SALTS.**—Any soluble sulphate, either magnesia or soda, succeeded by emetics, and afterwards by opium and milk.

**LOBELLA.**—Stimulants externally and internally; external heat.

**MORPHINE.**—Same as opium.

**NUX VOMICA.**—30 grs. of chloral and 60 grs. of bromide of potash. Nitrite of amyl.

**OPIUM.**—Atropine hypodermically till respirations number 8 per minute. Stomach pump, stimulants, external and internal, brandy and coffee, cold affusion, ammonia to nostrils, galvanic shocks, compelling to move about, artificial respiration, electric brush. Permanganate of Potash.

**OXALIC ACID.**—Lime, not potash or soda.

**PHOSPHORUS.**—Sulphate of copper in emetic dose as chemical antidote. No oils. Emetics and purgatives.

**POTASH AND SODA SALTS.**—Dilute acetic acid, citric acid, lemon juice, fixed oils, demulcents, vinegar.

**SILVER NITRATE.**—Solution of common salt and demulcent drinks. Emetics.

**STRAMONIUM.**—Same as Belladonna.

**STRYCHNINE.**—Same as Nux Vomica.

**TOBACCO.**—Emetic, stimulants, external and internal, strychnine, external heat.

**ZINC SALTS.**—Carbonate of soda, emetics, warm demulcent drinks.

## Things Easily forgotten.

No. of Watch Case.....

No. of Works.....

No. of Bank Book .....

No. of Bicycle .....

My Weight on .....lbs.

Height.....

Size of my Hat.....Gloves .....

" Hosiery .....Collar .....

" Cuffs .....Shoes .....

" Drawers.....Shirt .....

This book belongs to

*William Brewster*  
145 North St., Cambridge, Mass.

In case of accident notify

*Estabrook & Co., 35 Congress St.*  
*Boston, Mass.*

## Cambridge — Bethel.

Wea.

WED. JAN. 1, 1902

Ther.

8°

Clear, cold, high N.W. wind

11°

Spent most of day in Museum.  
In A.M. put some final touches to  
the lower Colo. paper & then got it  
off to Nelson by express.  
In P.M. wrote a number of letters  
and with Gifford's help packed my  
trunk for a trip to Bethel to-morrow.  
My cough simply outrageous to-day.

Wea.

THURSDAY 2

Ther.

10°

A.M. clear; P.M. cloudy; calm

Took 9 A.M. train, Eastern Div., for Bethel.  
Anna Abney with me. C. drove to Porter's village.  
At Portland Anna & I hunted in station &  
then took a walk. Got to Bethel at 5 P.M.  
No snow whatever between Portland & Bethel.  
The bare ground & the Crows nested at  
Yarmouth. Less than a foot of snow at  
Bryant's Pond & Bethel. Saw 2 birds which  
looked like Pine Grosbeaks near W. Paris.  
Dr. Gehring met us with slights at depot.

# Bethel, Maine.

Wea.

FRI. JAN. 3, 1902

Ther.

10°

Clear; strong N.W. wind

24°

Mrs. & Dr. Gehring, Miss Glad Weitz, Anna & I walked on snow shoes through woods below house, 9-10.30 A.M. Air soft & dry. Ther 23° - but with wind. Snow about 1 ft. with city dust. (3) Chickadees & (22) Redpolls feeding in gray birch on hill. Downy Woodpecker in orchard near house. In P.M. Doctor & I walked to village collecting at hotel & Cuyler Row's. Much colder with violent wind. Had a full treatment at 3.30 P.M.


Wea.

SATURDAY 4

Ther.

-6°  
+6°

Clear & cold with strong N.W. wind

In A.M. (10-12) the Doctor & I went to the Glen Woods going over all our old ground. Saw a good many birds & heard 2 Red Squirrels. There were countless Rabbit tracks, one Fox track, many tracks of mice & Squirrels, very many Partridge tracks & one singular track new to us both & like this  is one kind or one foot print among of the others. The animal was apparently a house. The foot prints were as large as a skunk's. Spent P.M. in house having a treatment 3.30 - 4.30 P.M.

Wea.

SUN. JAN. 5, 1902

Ther.

16°

Sunny with drifting clouds - light N. wind,

28°

The Doctor, Anna, Almy & I were out from 10 to 12.30 A.M. We crossed the field on snow shoes & striking the road followed it as far as the logging camp. The air was mild & we sat on a woodpile in the sun for 15 min. Heard a Crossbill sing & saw a pair of Pine Grosbeaks, a Pileated Woodpecker & other interesting birds. I have written one in appreciation in full for my journal.

Wea.

MONDAY 6

Ther.

20°

Cloudy with light S. wind.

31°

In the forenoon the Doctor & I were out for about an hour on snow shoes. We traversed all the paths in the woods below the house & followed up the corner of the mill track into an upturn in black ash swamp. Saw 4 Chickadees & a flock of about 20 Redpolls. Heard a Pine Grosbeak high in an overwood. Found at least 2 different Partridge tracks.

Wea.

TUES. JAN. 7, 1902

Ther.

Snowing most of day, at no  
time heavily, less than 2 in falling. W. S. S.

16°  
24°

Spent a.m. with Dr. G. in woods below  
house cutting down small trees. Saw a  
Pine Grosbeak & a pair of Arctic Towhees.

In P.M. the Doctor, Anna A. & I  
went on snow shoes through Elm Woods.  
Saw (12) Black-cap Chickadees, 1 Hudsonian  
Chickadee & 2 Canada Warblers all in one  
place. Started a Partridge. Heard Kinglets

Wea.

WEDNESDAY 8

Ther.

Precisely like that of yesterday.

15°  
25°

Dr. Gehring & I spent the forenoon  
in woods below house cutting down small  
trees. A Red Squirrel was sneaking  
near us but no birds of any kind  
were seen or heard.

In the afternoon Miss Annette Mueller,  
Miss Elsie Nieter, and Miss Bertha Harten  
put on their party dresses and the Doctor  
& I photographed them in a group  
in the parlor.

## Bethel - Cambridge.

Wea.

THUR. JAN. 9, 1902

Ther.

Clear, mild, dead calm.

Left Bethel at 8.45 A.M.  
Saw white, Rock & Bear oaks as well as pitch  
pines in woods near Oxford, Maine.  
Reached Portland at 11.20, crossed the  
city in an electric car & dined at Smith  
Horton. Took 12.45 train over Eastern Div.  
for Boston. Country covered to depth of about  
4 in. with snow & good drifting everywhere.  
Gillie was with me in Boston & C. at  
Portland.

Wea.

FRIDAY 10

Ther.

Cloudy with fine rain.

Spent most of day in Museum  
writing letters. In P.M. walked to Fresh  
Pond with C. Saw (3) Golden Crests  
in an apple orchard near the  
gray place.

Wea.

SAT. JAN. 11, 1902

Ther.

22°

40°

Cloudy & mild. Fair rain began  
falling just after dark changing to snow  
at 9 P.M.

Merula migratoria O.A. Bothrops saw (100) at Monrovia

Spent most of day in museum writing. I  
have begun an article for Bird Book on the  
voices of our fresh water warblers.

C. & I walked to Botanic Gardens just  
after dinner. Many flowers in bloom. Then  
Horse Garden died at 9.30 P.M.

I made a short call on the always  
this evening.

Wea.

SUNDAY 12

Ther.

26°

Partly cloudy. Strong W. wind.

About 7 inches of snow fell last night. Early  
this morning the trees were covered with the  
most exquisite snow foliage but the wind  
soon blew it all off.

Golden-cree Kinglet - heard in the Garden  
Chickadee. " " "

Downy - one at least in elms

Crow - " in the arboreal

Robin - flight call heard over garden.

Went to church with C. at 8.30. Called  
at my lawyers. Had a very busy day.  
40 Robins. } seen on Lawrence Plains by  
1 Kinglet } J. J. Nichols

Wea.

MON. JAN. 13, 1902

Ther.

14°

26°

Clear with fresh N.W. wind.

Certhia f. americana - one on Lowell St.

Parus atricapillus - " in Garden

Dryobates p. americanus " at least in elms.

Began investigating the Black Duck problem  
this morning & worked on it the whole forenoon.  
Alexander came to lunch with me bringing a  
lot of cheques for me to sign. I went to  
Horse Garden funeral at St. John's Church at  
4 P.M. On way back called on Dick Davis  
J. J. Nichols called at 6 P.M. bringing an  
album return to show me

Wea.

TUESDAY 14

Ther.

10°

23

Clear & crisp with little wind.

Worked on the Black Duck article  
all the forenoon & part of the  
afternoon, also.

Wea.

WED. JAN. 15, 1902

Ther.

A. M. sunny; P. M. cloudy.

16°

38°

Wrote for a couple of hours in the forenoon & then went to Boston. Reached our office at 12, dined with Brewster. Went C. at South Union Station at 2.20 and took train to Milton. Called on Mrs. M. F. Forbes & saw her, Miss Edith, & Florence Emerson. Spent a long time in greenhouse & winter garden. Walked both ways. Crows flying about everywhere coming. Saw no other birds. Got home at 6.30 P. M.

Wea.

THURSDAY 16

Ther.

Clear &amp; warm.

18°

38°

Spent whole day in Museum writing. My leg has given out after the long walk yesterday & is troubling me rather badly again.

The "We Drive" Club met at Rand's this evening. Walter & I went out in a carriage. We had a fine time.

Professor Alpheus Hyatt died suddenly, of apoplexy in Harvard Square last evening.

Wea.

FRI. JAN. 17, 1902

Ther.

Cloudless with little wind.

16°

24°

Parus atricapillus. Heard in the Garden

Spent whole day in Museum working on Black Duck article. Mr. James Hayward came to see me in the evening.

Wea.

SATURDAY 18

Ther.

Clear &amp; calm.

11°

38°

Regulus satrapa. Heard in Hubbard Park

Spent forenoon in Museum working on the Black Duck paper. At 2 P. M.

C. & I went to Hyatt's funeral at Appleton Chapel. The church was well filled. Among the full bearers were J. B. Hooper, Edwin Abbott, Morse, William Shaler, S. Henshaw,

Wea.

SUN. JAN. 19, 1902

Ther.

30°

38°

Clear with light W. winds.

Crows carving in our lindens at sunrise

Spent A.M. writing letters. Nick & Albin  
 Stone came to dinner. After it we went  
 to Museum and looked over photographs.  
 C. kept her room all day having a  
 bad cold. We read to each other in  
 the evening.

Wea.

MONDAY 20

Ther.

9°

28°

Brilliantly clear with little wind

Wrote all A.M.

At 2 P.M. drove down to Batchelder's.

Walked through to Museum where I saw

Faxon, Henshaw, Bangs &amp; Sowerby

Returned

Wea.

TUES. JAN. 21, 1902

Ther.

Cloudy, calm, mild

Barns atricapillus (2) eating seed at Museum  
Colaptes auratus 1 in the Garden  
Dryobates pubescens 1 eating seed at Museum

Spent most of day in Museum writing  
 At 4 P.M. called on Col. J.W. Higginson  
 by appointment to question him about Cambridge  
 in the days of his youth. Spent over an hour  
 talking with him in his parlor. He was very  
 kind, very genial & more interesting but discussive.

Wea.

WEDNESDAY 22

Ther.

36°

Cloudy with a fine, drizzling rain - 46°

Wrote for an hour in the morning and  
 then went to Boston. Spent about  
 half an hour at one office & then dined  
 with Leonard at Fellner's. Afterwards  
 had my hair cut & looked at a lot of old  
 furniture on Boylston St. Next consulted  
 Dr. Arthur H. Nichols about a persistent sore  
 on my wrist. Then called on Troop's & saw  
 what I think is a young ♂ Ruff tailed  
 Noddy. Came home by 4.30 P.M.  
 saw Ritchie & Dore at Museum where  
 around. Had a most warm dinner this evening.

Harvard  
 Young  
 Mr. J. W. Higginson  
 Dean

Wea.

THUR. JAN. 23, 1902

Ther.

35°

Clear & mild with light N.W. wind. 44°  
 Snow melting, gutters running with water, sky  
 filled with white cloud masses, a spring-like  
 look to the light & a spring quality in the air.

Regulus satrapa. One in the Garden.

Spent most of day in Museum writing.  
 C. & I walked up Brattle St. to the  
 Gray place after lunch. Anna Almy  
 returned from Bethel.

Wea.

FRIDAY 24

Ther.

26

Sunny but hazy

⑥ Gray Squirrels Together in the Garden

Wrote all the forenoon & most  
 of the afternoon, also, chiefly  
 on notes relating to some other birds.  
 Walked to Mr. Auburn just after  
 lunch. C. had a headache & kept  
 her room all day. Frank Manning  
 & Margaret dined with us. Margaret  
 afterwards went to a party & Frank  
 & I talked & smoked through the evening.

Wea.

SAT. JAN. 25, 1902

Ther.

20°

33

Clear, calm, not cold.

Wrote from 9 to 11 a.m. when  
 Mrs. W. H. Forbes, her daughter  
 Miss Edith, her sister Miss Ellen Emerson  
 & Henry Simmons arrived to see  
 the collection. At lunch they were  
 joined by Mrs. Thayer, Mary Greenough,  
 Edward Emerson & Mrs. Almy & we  
 had a fine table. The last of our guests  
 departed at 4 P.M. after which I got  
 in two more hours at my desk.

Wea.

SUNDAY 26

Ther.

20°

40°

Cloudy, with light snowfall  
 at evening. Wind S.E.

Mesula migratoria (250+) Fresh P. (Eggs)  
Clangula americana (40) Harvard Bridge.

Spent A.M. writing letters. C. & I  
 dined together alone. In P.M. we went  
 to Boston & called on the Stones. They  
 were out. We next went to Art Museum.  
 After this we separated & I spent an  
 hour with Frank Manning. I called on  
 the Almys in the evening.

Wea.

MON. JAN. 27, 1902

Ther.

Cloudy, the early morning  
sunny!

Regulus satrapa - one in Garden  
Colaptes auratus " " "  
Lanius argentatus. Flock flying over "

Called on Dr. Wolever at 8.45 a.m.  
to consult with him about W. W. Rawson  
who is negotiating for the Wood farm at  
W. Bedford to be used as a piggery.  
Spent remainder of day on introductions  
to Lower Colo. Rep. The Spedmans called  
this evening.

Wea.

TUESDAY 28

Ther.

14°

20°

Cloudless with N.W. wind - a  
rather cold, raw day.  
Parus atricapillus - one in the Garden.

Spent most of the day in the  
Museum working on introductions to  
Lower Colo. Rep. Took a solitary  
walk to Glenwood just after  
lunch.

Wea.

WED. JAN. 29, 1902

Ther.

10°

20°

Cloudy & intensely chilly;  
in fact the most disagreeable day of  
the winter thus far.  
Parus atricapillus - One in garden.

Worked on Lower Colo. Report until 11.30  
& then went to Boston. Dined with Leander  
at Fellows'. After dinner we went to the  
Safety Vaults with MacKenzie & checked off  
the Estate Inventories found everything right.  
After this called on Joshua B. Holley Jr.  
Frederick Foster, Mr. Jager, Mr. Blair & Harry  
Spelman about the Rawson piggery. The prospects  
look rather dark to me.

Wea.

THURSDAY 30

Ther.

12°

Cloudy with a light snow fall 24°  
last night & a dust of snow falling  
most of the forenoon.

To Museum Group Zoology at 10 a.m.  
to meeting of Dr. Chivers Committee.  
Both he & Dr. Blake present. We met  
in ~~Dr. Blake's~~ room & also went on  
to the Museum.  
I lunched at home & spent  
the afternoon writing on the Lower  
Colo. paper.

Wea.

FRI. JAN. 31, 1902

Ther.

Cloudy &amp; cold

12°

Spent the entire day in the Museum working on the Bown Calendar. I am evidently in for a severe cold. We expected John Thayer & his wife to spend the night but they telegraphed their boy was ill & they could not come. So my Miss Howard, Miss Winslow, Miss Bishop, Mr. Leonard, Purdie & Walter dined with us & afterwards went to the Dramatic Club rehearsal of the Revue. We had a wild parting for dinner.

Wea.

SAT. FEB. 1

Ther.

Cloudy with steady rain  
beginning about dark & changing to  
snow later.

14°

38°

I was to have gone to the farm this afternoon to spend Sunday with Ethel Thayer but a heavy cold & a sore throat laid me low. I managed to work through the day however, & got on well with the introduction to Bown Calendar. Mrs. John Elliot called in A.M. to borrow some Warblers for a third Audubon Calendar.

Wea.

SUN. FEB. 2, 1902

Ther.

Cloudy with steady rain which  
removed most of the snow that fell last night.  
A Crow coming in the bushes.

My cold much better but C.'s rheumatism worse. We spent the afternoon in her room reading Scudder's 'Dove' aloud. I wrote letters in the forenoon. No one came to the house except Loring who dropped in at 5 o'clock (he was on his way home). The ground is still thinly covered with snow & ice but the streets are bare.

Wea.

MONDAY 3

Ther.

Wea.

TUES. FEB. 4, 1902

Ther.

14°

A. M. clear & calm. P. M. cloudy 28°  
with a light dose of snow in evening.

7: Mr. Chapman appeared just  
before noon to stay until Thursday.  
He betimes to night at the house  
his. came to morning night at  
Newton. He spent the whole  
afternoon talking. I have a  
troublesome attack of pink eye now.

Wea.

WEDNESDAY 5

Ther.

12°

Clear with light N. W. wind. 25°

Spent A. M. working on introduction  
to House Cole. paper. Just after  
lunch Chapman & I walked to  
Elmwood. Saw a Brown Creeper  
& a flock of 15 Cedar Birds, the  
latter in Mr. Richardson's grounds  
where they were eating the ash berries.  
Chapman & I talked the rest of the  
afternoon. He returned to Newton in  
the evening.

Wea.

THUR. FEB. 6, 1902

Ther.

12°

Clear with light W. wind 26°

No birds except 1 Chickadee in Garden.

Chapman & I spent most of A. M.  
looking at birds & discussing some of  
the forms I am about to describe.  
He departed just after lunch & I  
devoted the afternoon to some Coll. Rep.  
May Cunningham & Annie Ketcher lunch  
with us.

Wea.

FRIDAY 7

Ther.

14°

Clear with almost no wind. 34°

Worked all the morning on the  
House Cole. paper. Outram, Bangs  
& J. L. Brewster lunch with me.  
After lunch Bangs & I began  
looking at birds, keeping it up  
until the light failed. I gave  
him about a dozen of House  
Cole. skins.

Wea.

SAT. FEB. 8, 1902

Ther.

16°

Sunny but heavy, a bitterly cold  
& penetrating N.W. wind & clouds  
of dust from the bare frozen lands.

25°

Spent the entire day in the museum.  
Worked on introduction to some Col.  
in A.M. on Black Duck paper in  
P.M. No collars.

Wea.

SUNDAY 9

Ther.

20°

Clear with fresh N. wind.

37°

Amphelis cedrorum (12) in the garden  
eating cedar berries & snow (on the ground).

Spent A.M. writing letters.  
Hill & Alvin Stone dined with us &  
Spent P.M. C. came down stairs to  
dinner for the first time in over a week.  
My eyes are nearly well again.

Wea.

MON. FEB. 10, 1902

Ther.

20°

Clear with light N.W. wind

36°

The ground continues bare & the  
weather fine. The trees are terribly  
dusty.

Amphelis cedrorum (15) eating mt. ash  
berries in Will Russell place, Broth St.  
Arthur - on in Nichols horse chestnuts  
Walked up Broth St. to Elmwood  
just after lunch. Spent rest of  
day in museum working on  
some Col. paper.

Wea.

TUESDAY 11

Ther.

18°

Clear with light N.W. wind.

26°

Amphelis cedrorum (15) in Russell  
place on Broth St.

Walked to Elmwood with C.  
just after lunch. Spent  
remainder of day on the  
some Col. paper.

Wea.

WED. FEB. 12, 1902

Ther.

Clear & cloud calm. A fair  
day.  
Regulus satrapa 1 seen - Phillips Place.  
12°  
30°

Walked to Mr. Hayes' with C. after  
breakfast. Went to Boston at  
noon & lunch with Benson at  
Fillmore. May & Henry Caring born  
died with us & spent the evening.  
I worked both evening & afternoon  
on the same Col. paper.

Wea.

THURSDAY 13

Ther.

Morning clear & calm. P.M. cloudy  
with N. E. wind & a slight  
frost. Snow half an inch.  
Regulus satrapa (3) on Brattle St.  
opposite Elmwood.

Walked to Mr. Auburn with C.  
just after breakfast. Worked on  
same Col. paper all day.

Dined at Will Jeffries' (both day  
supper party) in the evening.  
Friends & Mrs. Gusten, Bailey & his  
wife, Mrs. Ransome & a Mr. &  
Mrs. made up the party  
at 10 P.M.

Wea.

FRI. FEB. 14, 1902

Ther.

Clear, calm, spring-like  
22°  
37°

A Chickadee & a Downy in the Garden,  
a Crow on Brattle St.

Spent most of day working over birds.  
Catered birds for the final addition to  
my paper. Also worked up a series of  
Long-billed Marsh Wrens finding that we  
have two forms in N. E. one undescended.

C. & I walked to Mr. Auburn at 9 A.M.  
at 9 P.M. as we were reading about E. R. S.  
telephoned that her uncle James B. Hayes  
had died recently. I had been doing work  
the family were at dinner at 6.45 P.M. I was  
down at dinner & saw Mrs. Hayes, Mrs. Garrison & Henry.

Wea.

SATURDAY 15

Ther.

Clear with light N. W. wind  
20°  
36°

Two Chickadees in the Garden.

Spent A.M. working on same Col.  
birds. Mr. J. W. Long of Colchester called  
with his little girl to see the collection.

At 1.30 P.M. Gilbert & I drove  
to Point Pond where we walked  
back. I exposed eight 6 1/2 x 8 1/2

plates most of them in Maple Swamp.  
Saw a Swamp Sparrow & 3 Crows.  
C. went to Providence for the day.

Wea.

SUN. FEB. 16, 1902

Ther.  
16°

Clear &amp; calm

*Amphelis cedrorum* (30) eating buckthorn berries, Channing Smith place.

To St. Johns with C. at 8.30 a.m.  
Afterwards called at the Thayers. Saw Mrs. Thayer, Miss Thayer, Dora, Jack & Sara, & Will & his wife. Walked to the Square with Will & Jack at 10 a.m. & got the mail. Spent remainder of a.m. writing letters. Mr. Everett dined & spent P.M. The Cummings, Miss Bishop & Miss Winsor called.

Wea.

MONDAY 17

Ther.

Heavy fall of damp snow - about 28°  
9 inches in all. Strong N.E. wind. 34°

Wrote morning & afternoon. At 12 C. & I went to Mr. Thayer's funeral at Appleton Chapel. Stopped at its height then. Church nearly full however. Mr. Crowthers very firm & everything impressive. The Terrors just in front of us.

Wea.

TUES. FEB. 18, 1902

Ther.  
28°  
35°

Clear

Spent most of day in the Museum writing.

Wea.

WEDNESDAY 19

Ther.  
16°  
26°

Clear with strong, cold W. wind

Spent a.m. writing. Went to Boston at noon & dined with Beander at Falmes. After that bought an old Dutch spoon for C. at Koupman's, called at Dr. Nichols's to hear the plague spot on my wrist looked (it is nearly well now) & made a call on the Cummings but found them & Roland out. Then came home & walked up Brattle St. with C.

Wea.

THUR. FEB. 20, 1902

Ther.

Clear, calm

15°  
37°

Spent A.M. on the Black Duck paper.

Went to Boston at 3.30 P.M. & met C. at Dr. Blakes. He called on Mrs. Will Jeffries being here & Will. C. then came home. I went to Athletics Club changed to a dress suit read & worked for a couple of hours & then went to the Weir's dinner at Townsend's. Dined over there for Goodale.

Wea.

FRIDAY 21

Ther.

Cloudy, calm, light fall of rain

14°  
38°

Dinner in P.M.

Regulus satrapa - 1 in the Garden  
Crowing Cuckoo in Garden at dinner  
Downy Woodpecker Nichols Wood Thrush St.

Spent most of day working on the Black Duck paper finishing it.  
Walked to Mt. Auburn with C. just after lunch.

Robert Jackson called at 6 P.M. to see our tulips Cyanus etc. which are fine now. C. read to me in the evening.

Wea.

SAT. FEB. 22, 1902

Ther.

Snowed all last night & most of today about 5 inches falling. It was damp & heavy to the trees.

The snow foliage was catching early this morning when I walked down to St. John's Church with C.  
Spent most of day in Museum working on my collection to form a list. Mr. Elliot called to return some birds & to borrow others. I showed him to the birds at work. C. read about from one of our Dull's books in evening.

Wea.

SUNDAY 23

Ther.

Cloudless &amp; windless.

18°  
34°

Parus atricapillus (2) Sparrows St.

" " flock, June (6)

Carpodacus hd. Cyanus 1,  
Colaptes 1, Corvus several.

Waverley

To St. John's Church with C. at 8.30.

" Waverley with Gilbert at 10.30 taking 6 1/2 x 8 1/2 camera & exposing 10 plates in Mr. Lane Ashmun woods at Waverley Oaks. Will & Alice Stone dined with C. & me at 2 P.M. & spent afternoon.

Wea.

MON. FEB. 24, 1902

Ther.

12°  
38°

Cloudless; no wind

Two Flickers in the Garden.

Spent entire day in the Museum working on an article on birds of the Fresh Pond Swamp for Bird Book. Began it this morning & made four pages. C. went to the Senate Museum with her fifth class in P. M. Walter & I spent the evening at the Sportsman's Exhibition in Boston.

Wea.

TUESDAY 25

Ther.

30°  
42°

Cloudy - Calm

2 Flickers in the Garden.

Took a walk up Brattle St. with C. just after breakfast. Spent remainder of day in the Museum writing. The Melvins & Walter Deane dined with us at 7 o'clock & spent the evening.

Wea.

WED. FEB. 26, 1902

Ther.

37°

North-easterly rain storm lasting all day &amp; into the night.

Went to early service at St. John's with C. The streets were rivers of slush & the sidewalks not much better.

Spent the remainder of the day in the Museum working on the "Voices of the Fresh Pond Swamp". It a dawns steadily. C. read to me in the evening.

Wea.

THURSDAY 27

Ther.

38°  
50°A. M. Cloudy; P. M. Clear.  
No wind

Heard a Creeper & Chickadees at Elmwood.  
2 Crows in Hubbard Park.

Walked to Mt. Auburn with C. just after breakfast. Worked on the Bird book article all day or at least up to 4 P. M. when C. & I started for the Sportsman's Show. We looked at the birds & mammals, had tea at 7 & went to the evening & diving entertainment after words.

# Cambridge - Concord.

Wea.

FRI. FEB. 28, 1902

Ther.

34°

Cloudy - calm - chilly. Began raining at 7 P. M. & poured all night.

*Regulus satrapa*, 1 in the Garden.

Went to early service at St. John's with C. Spent remainder of day writing on the "Voices". This article will be practically finished to-morrow.

C. & I dined with Will & Alice Stone in their studio. It rained so hard we had to come out in a carriage.

Wea.

SAT. MARCH 1

Ther.

38°

56°

Clear, calm, springlike

(2) Crows at Elmwood  
Flicker 1st. Chamney St.

C. & I walked to Mr. Auburn at 8.30. The morning simply perfect but no spring birds. Snow nearly all gone & roads bare again. Spent day in Museum working on "Bird voices". At 4 P. M. C. & I walked to North Avenue where I took electric to Arlington & 5.01

train thence to Concord. Fuller's man met me at station & drove me to the farm. Channel of river open as far up & down as I could see. Much open water on meadows also. Almost no snow left even in the woods.

Wea.

SUN. MARCH 2, 1902

Ther.

Not taken

Heavy rain all day with S. E. wind about 40° wind, violent after midnight.

In the woods with Hansen 10-12 a.m. Heard Blue jays, Crows & Chickadees & saw a Robin in Ball's Hill Swamp. Water very high & river & meadows opposite Ball's Hill covered by fields of drifting ice. Saw no water fowl. Flashed a Partridge & saw tracks of many others. Out again after lunch for day on horse being only at Ten Sharrow. Worked part of A. M. & P. M. on the article for Bird Book.

Wea.

MONDAY 3

Ther.

47° max

Partly cloudy with N. W. wind

Fuller man came at 7.30 & drove us to Concord. A Bluebird & Meadow Lark in full song near Laurel Station & a Redwing flying over Mill Brook. Later saw 2 Redwings from car windows flying by the river. Great Wrenwren & a Grosbeak rising from the water as the train passed. Spent rest of day in Museum working on the Bird Book article. Met Mr. Clark here this morning. Interesting talk by Bent on Dodo-like birds.

Wea.

TUES. MARCH 4, 1902

Ther.  
30°

Clear with strong N. W. wind.

(18) Robins sing N. over Garden 7.30 a.m.

To early dinner at St. Johns with C.  
at 8.30. Thought I heard a Grackle  
in the Southpines but probably mistaken.  
Finished the "Voices of the Fresh Pond  
nesters" this afternoon & mailed it  
to Chapman. At 5 P.M. also made  
note on birds seen. Bottom & Allen.  
C., E. R. S., & I drove in town this eve.  
& heard Dr. Furness read Anthony & Chapman  
at Chickering Hall.

Wea.

WEDNESDAY 5

Ther.

Heavy S. E. snow storm beginning 32 may  
about noon (an unusual time) and  
lasting into the night about 12 inches falling.  
*Zonotrichia leucophrys* (?) flying E. over Highland  
St. at 7.30 a.m.

Wrote most of a.m. Went into  
town at noon and dined with Beaudin  
at Fillmore's. Met Gilbert at Almy &  
Spelman's office at 2.30 & had a talk  
about my dispute with Com. of British  
covering firm boards. Got home at 4.30  
& spent evening with C.

Wea.

THUR. MARCH 6, 1902

Ther.  
28°  
36°

Cloudless - calm; good shining

Spent most of day in Museum  
working on Lower Camb. paper & comparing  
specimens. Miss Bishop lunched with us  
She & C. drove in town & Walter D. & I  
went in by electric. We all met at  
Chickering Hall where we heard Dr. Furness  
read "As You Like It". At 5 P.M. Walter  
& I went to Sportsmen's Show & stayed  
until 7.30 when we went to Athletic Club  
& dined. Got home at 9.30.

Wea.

FRIDAY 7

Ther.  
26°  
40

Clear, calm

A Robin sitting in tree in Horsford's grounds  
calling at 9 a.m.

(3) Cedar Berets in the Garden.

Spent a.m. working on Lower Camb. paper.  
Met C. in Boston at 5.30 & called on  
the Hubbards - out. I then went to Frank  
Manning's; - he & Margaret out. Then to  
Athletic Club for an hour. Dined at 351  
Highboro with Mary & Harry Cunningham, Roland  
& Mrs. Brewster. C. with us for first half hour  
when they drove out. I did not get home  
until 11.30.

# Cambridge - Concord.

Wea.

SAT. MARCH 8, 1902

Ther.  
not taken

Cloudy with chill E. wind

May about 38°

*Regulus satrapa* 1 on Orange St.

Spent most of day on Brown Cole paper.  
Have had a long train with the *Passerculi*  
but finished with them this forenoon.

accepting *A. r. sanctorum* as valid, rejecting

*A. r. holophilus* as probably = *guttatus*.

Took 5.01 train to Concord. Hansen met  
me at station with Mary. Roads deep  
in mush. Fields snow covered.

Wea.

SUNDAY 9

Ther.  
not taken  
may about 38°

Cloudy with chill E. wind and steady  
rain from 9 a. m. to sunset.

Gilbert called me at 6 a. m. to see down  
Partridge's "Budding" in an apple tree near the barn.  
I watched them as runners from the window of  
the E. Chamber of the house. There were 9 in the tree.  
Mr. Porter drove down from Chelmsford at 8 a. m.  
We spent about two hours planning work on  
the new bird cage which he will begin this week.  
Gilbert & I left the house at 3.15 p. m. &  
Hansen drove us to Concord where we took 4.10  
train for Cambridge.

Wea.

MON. MARCH 10, 1902

Ther.  
not taken

Brilliantly clear, light N. W. wind. May about 40°

Spent a. m. in Museum writing up  
notes on Partridges seen building yesterday.  
Also wrote several letters.

Went to Harvard Sq. after lunch & had my  
hair cut. Thence to North Station to meet  
Dr. & Mrs. Gehring who arrived at 4 p. m.  
We dined at 6 p. m., Mary Gurnough &  
Roland Haywood in Gehring's C. & J. & Walter.  
Roland, Dr. G. & I spent evening in Museum.  
Prof. Brauner called.

Wea.

TUESDAY 11

Ther.

Brilliantly clear, no wind, 28°  
48°

Alice & Will Stone & Anna Almy took  
breakfast with us at 8.30. At 10.30  
Dr. Gehring, Will Stone & I went in to the  
Sportsman's Show. The Doctor & I came  
out at 1 p. m. & met Mrs. Gehring, C. &  
Walter at the Harvard Club where we had  
lunch. After that Mrs. G. & C. went in  
town to call on the Stones, the Doctor & I to  
Mrs. Camp. Took, where we saw the glass  
flower & Dr. Woodward & to the Botanic  
Garden. The Gehring left us at 5.30 &  
went to the Whittier for the night.

Wea.

WED. MARCH 12, 1902

Ther.

34°

Cloudy with light S. wind

66°

Robin in the Garden 7.30 a.m.

Browned Grackle (Don Follen) on Bellbird St.

Walked to Mus. Comp. Zool. at 10 a.m.

Saw Henshaw &amp; advised him not to accept curatorship of Bos. Soc. which he is considering

Also saw Woodward & Faxon. The latter is to leave for England on the 21<sup>st</sup>.

Met Beaman &amp; Almy at Safety Bank.

Dined with family at Follen's &amp; saw Faxon. Morning there. Called at Almy's office at 2.30 &amp; decided to letter Ortho Cays. to the same leader. Got home at 4.30 P.M.

Wea.

THURSDAY 13

Ther.

48°

Partly cloudy; light S. wind. 64°  
Big Snow in P.M. Snow all gone

Robins all over Cambridge. I in full song in the Garden at sunrise. Then on from calling &amp; on singing at evening.

A Flicker showing in the Garden in A.M.

Spent A.M. in Museum working on Borneo Cat. paper. Drove to Mus. Comp. Zool.

at 2.30 &amp; spent P.M. there. Talked with Woodward &amp; Henshaw about prob.

Borneo Cat. paper. Had a long talk with Faxon &amp; another with Dr. Mark about Agave.

## Cambridge - Concord.

Wea.

FRI. MARCH 14, 1902

Ther.

35°

Clear with strong N.W. wind. 42°

Worked on the Borneo Cat. paper in A.M. Beaman lunched with me. At 2.15 I drove to Mus. Comp. Zool. where I saw Woodward, Henshaw &amp; Faxon. He discussed the publication of Birds Borneo Cat. by Museum.

At 4 P.M. Faxon & I took type of Quercus names to College Library & compared it with Andersson's plates in Hyphnum folio.At 5 P.M. I called on Pres. Eliot by appointment to consult with him about the publication of a Hagwood specimen. Dr. Woodward called at 8 P.M. to talk over the same matter.

Wea.

SATURDAY 15

Ther.

26° min

Cloudless with chill east wind

Spent A.M. working on the Borneo Cat. paper. Took 2.05 train for Concord. Henshaw met me at station. During drive to farm saw three Bluebirds. Packed his men with stringing birds of cow team &amp; cow house. A Bluebird singing near house. Walked about farm from 5 to 6.30 P.M. Lots of birds. Robins, Bluebirds, Song Sparrows, Flickers, Red-wings &amp; Rusties etc. all singing as usual. Snow almost wholly gone.

Wea.

SUN. MARCH 16, 1902

Ther.

Cloudy, mild; calm in A.M.  
light S.W. wind in P.M.

Went to Ball's Hill with Hermann  
in A.M. The birds sang continuously  
until noon. - Bluebirds & Song Sparrows  
with Red-wings along the river.  
Wrote most of P.M. Look on  
clouds all evening. Checked the  
wrens east of the house  
& around the edges of Birch Field.

Wea.

MONDAY 17

Ther.

50° may

Cloudy with E. wind & light rain in A.M.

Song Sparrow ♂ & ♀ in the garden in A.M.

Bluebird one flying over " " colling.

Crows Blackbirds & Robins everywhere.

4 yellow crocuses & several squirts bloomed today.

Left from home at 7.20, walked

to Ball's Hill, round over river

& took 8.13 train to Cambridge.

Walked through Common Street.

Spent day in Museum writing.

River Bank Bank, paper on mudstone

Chick on the way. 15 numbers known.

Wea.

TUES. MARCH 18, 1902

Ther.

32°

40°

Clear, wind N.W.

(2) *Spirus tristis* flying over the Garden

1 Flicker \* in " "

Grackles heard " "

(40) ♂ Red-wings in George's woods.

Walked to Mt. Auburn with C. just  
after lunch. Mrs. Bates, her daughter,  
Miss Bishop, Miss Howard & Miss Thorne  
dined with us this evening.

Wea.

WEDNESDAY 19

Ther.

30°

Stormy with chill N.E. wind. 86°  
Snowing at daybreak, clearing in A.M.  
heavy rain in P.M.

Wrote in Museum in A.M.

Wrote with Loren at noon & dined  
at Fallner's with Brander. It was  
a more depressingly gloomy day.

C. & I went to walk around on

St. John's.

Wea.

THUR. MARCH 20, 1902

Ther.

28°

Cloudy with E. wind  
and steady but light rain.

44°

Spent the entire day in the  
Museum working on the Bone Col.  
books. I have been repairing  
specimens of lots & changing or  
revising old type in many places.  
The "We Din" Club met at  
Hotel Windsor this evening. Grogan  
there but Chubbourn. Walter &  
walked home.

Wea.

FRIDAY 21

Ther.

38°

A. M. cloudy; P. M. clear. 59° about

A Robin singing divinely in the  
windows this morning. Flicker thrashing.

Spent A. M. writing. Took 2.05 P. M.  
train to Concord. Gilbert met me  
at Station. He went across country  
on Ball's Hill & walking thence to  
the farm. Strolled through orchard &  
Barnyard home on way. Heard a Woodcock  
sing on the ground. One Pickering's Hyla  
Barnyard sang a tune in the corner of  
the barnyard this morning. I heard its trill.

## Concord

Wea.

SAT. MARCH 22, 1902

Ther.

not taken

Clear, mild N. A. M. cool; P. M. May about 70°  
oppressively warm.

Spent most of A. M. at new farm  
buildings overseeing the carpenter &  
my own men who were "cleaning up".  
In P. M. Hansen & Howard cut down  
a lot of birches in the cedar pasture.  
This work kept me busy until near  
dark when I walked to Rich Field.  
Got back in time to have a Woodcock  
sing in the pasture W. of the road.

Wea.

SUNDAY 23

Ther.

not taken

Brilliantly clear with light N. wind Max about 60°

Walked up the road to the Swift farm  
after breakfast. Country alive with  
birds. I never heard Bluebirds sing so before.  
Expected Will Stone to drive but he  
did not appear.

In P. M. Gilbert & I worked in the  
Purple Rock woods "hauling" over a path.  
Heard a Great Horned Owl towards barnyard  
before sunset & the Woodcock  
near the house after it.  
J. W. Long & Henry - ? called in A. M.

Wea.

MON. MARCH 24, 1902

Ther.

A. M. clear; P. M. partly cloudy.  
Wind N. E.

Left the farm house at 7.15 & walked  
to Ball's Hill. Hardly any birds seen  
or heard save (2) Hairy Woodpeckers & several  
Red-wings by the river. As we were  
rowing across (11) Black Ducks passed  
over high in air.

Reached Cambridge at 9 A. M. &  
spent day in Museum writing on bones.  
Coln. Rep.

Wea.

TUESDAY 25

Ther.

Clear with light E. wind

34°

46°

Spent the greater part of day  
in Museum working on bones Coln.  
report. Mr. Talbot, Dr. Munk  
& Richard Smith called in P. M.  
Went to Carey dinner at  
St. Johns with C.

Cambridge - Wolfboro, N. H.

Wea.

WED. MARCH 26, 1902

Ther.

29°

Brilliantly clear. Light E. wind. 46°.

Hepateas in full bloom in the garden.  
Grass on some of the lawns six inches  
long & almost ready to be cut.

To St. Johns with C. at 8.30.  
Spent A. M. writing. Home to  
Muss Camp. Took in P. M. walking  
back. John T. Nichols, young Bowditch  
& Walter Deane dined with us & spent  
the evening.

Wea.

THURSDAY 27

Ther.

A. M. clear. P. M. partly cloudy.  
Left Boston for Wolfboro at 8.30.  
Leander joined us at South Danvers.  
Saw no snow anywhere but ponds still  
frozen over north of Milton N. H.  
Dined at hotel at Wolfboro &  
spent night at Prof. Lord's. Visited  
all the class rooms & dined with  
Leander to the farm to see his family.  
Country bare & brown but snow was on  
mountains. Roads dry & dusty in places.  
Even on logs it is an unpleasantly  
early spring here.

# Wolfeboro - Cambridge

Wea. FRI. MARCH 28, 1902 Ther.

Cloudy with light rain in P.M.

Took a walk near Academy before breakfast. Country alive with Robins, Bluebirds & Song Sparrows. Heard a Meadow Lark & a Junco Sparrow. Landed & I took 8.30 train for home. On reaching Boston I dined at Athletic Club & came to Dr. Reed's. Got home at 3 P.M. Saw Almy at 8 P.M. C. went to me afterwards.

Wea. SATURDAY 29 Ther.

Cloudy with heavy rain all a.m. P.M. misty, strong S.W. wind.

Woke at 6 A.M. Took 2.05 P.M. for Concord. Landed me at Mr. Bedford. Landed at Colburn & walked to farm where we are to spend Sunday. Walked about farm from 11 to 7 P.M. Then worked digging & two boys in pasture W. of road. Grass very green in places.

Wea. SUN. MARCH 30, 1902 Ther.

Brilliantly clear, calm, very 70° max. warm.

Walked up the road to Ling's after breakfast. Drove to Concord at 10.30 telephoned to Walter, met C. at 10.45. We drove first to the Farming & then to the farm. Walked to Pulpit Rock before dinner in the oak woods afterwards. Drove C. to 4.10 train & met Walter down at Station. He spent night at farm. Reorganized Emerson Club down at 6 P.M. to leave Wednesday.

Wea. MONDAY 31 Ther.

Clear but windy & chilly.

Spent early morning at farm. Walter & I walked to Boston Hill at 11 & took 12.30 train for Cambridge. I wrote in letter P.M.

Wea.

TUES. APRIL 1, 1902

Ther.

Cloudy most of day. Strong  
N. W. wind.

Spent entire day in the  
garden working with Polay  
Sheehan & his men digging  
a lot of wild plants to  
send to Concord & making  
a number of trees. Gilbert  
uncovered all the wild flower  
beds. The Anemones & Quills are  
about at their best now.

Wea.

WEDNESDAY 2

Ther.

Cloudy most of day with cool  
N. wind.

~~Spent yesterday in the~~  
~~garden with Polay Sheehan &~~  
~~his men moving trees &~~  
~~plants. Went into Boston on~~  
~~train & dined with Leonard.~~  
10 A.M. & went down with  
father at Dr. Row's. Dined  
with Leonard. Came out at  
3 P.M. & wrote for 2 hours.

Wea.

THUR. APRIL 3, 1902

Ther.

Brilliantly clear; light E. wind.

C. & I went to the Day Show  
in the forenoon during afternoon  
at the North Union Station.  
She went out with me as far  
as Cambridge & I kept on to  
Concord.

Spent the afternoon in the  
woods planning for the work  
of the coming week.

Wea.

FRIDAY 4

Ther.

Early morning clear, calm & mild.  
Remainder of day cloudy with  
east wind.

Worked with Pat from 8 to 11 A.M.  
At 11.30 went to Concord by train  
& met C., Miss Maria & Miss F. Green  
Anderson, Walter, George & Mary Brown  
he drove to the R. W. Emersons & came  
to the cabin where we dined. Then  
walked to the farm. They all left  
for Concord at 3.45. I spent rest  
of P.M. planning.

Wea.

SAT. APRIL 5, 1902

Ther.

Cloudy most of day with strong, piercingly chilly N. E. wind. Ground frozen hard this morning.

Spent day at farm planting a lot of things brought from Cambridge & raspberry, blackberry, gooseberry & currant bushes brought from a man in Bedford. Packed up & back.

Wea.

SUNDAY 6

Ther.

Partly cloudy. Clear & warm at noon. Cold at evening.

In A. M. marked a lot of carcasses that are to be moved. Hunted about in woods all P. M. at no time getting further away than Davis's Hill. In fore part most of day on Pine Ridge in Pine Park. J. W. Long called. Also had Healey who took away my following carcasses from W. Bay.

Wea.

MON. APRIL 7, 1902

Ther.

Cloudy with harsh E. wind.

Spent entire day near Bolt's Hill. Working with Hansen, Bensen & Pat. In A. M. we moved a number of large larch trees in the opening just north of the Swamp. In P. M. we finished this task & moved a very large hemlock on Hemlock Knoll. The day was exceedingly gloomy & birds of all kinds were silent & retiring. It seemed in fact more like a November than an April day.

Wea.

TUESDAY 8

Ther.

Cloudy with strong, cold N. E. wind and heavy rain beginning at 3 P. M. & lasting into the night.

Spent most of the day digging pines with Hansen, Bensen & Pat - in A. M. in the opening between Pine & Davis's Hills. In P. M. (until the rain stopped us) in Birch field. Got about 1100 small white pines for Almy's place at Cotuit & about 60 white pines for Chatham. The day was extremely raw & gloomy & the country seemed barren of all animal life.

Wea.

WED. APRIL 9, 1902

Ther.

Violent North-easter. Heavy rain falling all last night & up to noon to-day. Afternoon gloomy with dense mist.

Spent A.M. in the wood shed with Pat & Gilbert rearranging pretty much everything there.

At 3 P.M. went to the farm with Pat & dug about 70 little red cedars in the orchard. Heard a deer crying in Picket's pines.

Wea.

THURSDAY 10

Ther.

Cloudy with cold N.E. wind & frequent light showers.

Spent the day at the farm. In the forenoon the men dug pines in Birch Field & I set out a number of small cedars there. In the afternoon we packed 1000 white pines for Almy, 1000 for Mrs. Bowell (of Cotuit), a lot of white pines & cedars for Chockman & 100 small white pines for Mrs. Anna Anderson.

Wea.

FRI. APRIL 11, 1902

Ther.

Cloudy most of the day with light rain in early morning. Wind N. to N.W.

Spent day at farm. Moved all the small red pines in front of barn to nursery row in garden, dug a lot more in corner of woods near Mrs. Ritchie, set out some cedars in blueberry position & some hemlocks & red pines in Birch Field. Walked up & back as usual.

Wea.

SATURDAY 12

Ther.

Sunny but sky half-filled with rapidly moving cloud masses. High W. wind.

Spent day working with Hansen & Pat, the A.M. in Pine Point where we set out a dozen cedars & moved a number of white pines the P.M. on Henlock's Knoll where we put in a dozen small hemlocks bought of the Bedford nursery & transplanted a number of large ones. I also set out a great many small red cedars.

Wea.

SUN. APRIL 13, 1902

Ther.

Clear with strong, cold N.W. wind.

Pine Warblers (2x) arrived.

After breakfast walked to Davis's Hill with Gilbert who noted down my plans for spring work. Returning met Geo. V. Bennett who had driven down from Concord to spend the day. We walked to the Bennett Spring before dinner. After Gilbert was returned to Cambridge by 4.10 P.M. train.

Wea.

MONDAY 14

Ther.

Partly cloudy. Cool N.W. wind.

Spent A.M. with Walter & Paty Shuman inspecting trees & shrubbery in the Garden. Found many of them badly infested with Saw Tooth Scale & had the old crab apple & Hawthorn near the E. end of museum cut down.

O. Bangs called at 2.30 & Mr. A. Traver at 4 while Roland Hayward appeared at 5.30.

Wea.

TUES. APRIL 15, 1902

Ther.

Brilliantly clear. Early morning cool, middle of day rather warm.

Spent A.M. in Museum sketching & listing things that are to be taken to Washington.

Wea.

WEDNESDAY 16

Ther.

Clear & Cool.

C. & I left Boston by the Colonial Express at 9 a.m., & reached Washington at 10 P.M. Dr. Farlow on the train. Vegetation no further advanced in Conn. than in Mass. & but little more so Philadelphia.

Went to Hotel Richmond where we are to spend the coming week. We have a suite of 3 rooms on third floor.

# Washington

Wea.

THUR. APRIL 17, 1902

Ther.

Clear & cool. Vegetation about 2 weeks ahead of that at home. Peach, Cherry, pear, plum & magnolia trees in full bloom. Hops in  $\frac{1}{2}$  bud. Corn, on Nomen. met at 11 A.M. in Smithsonian gallery. Present Merriam, Allen, Dwight, Stone, Richmond & W.B. Worked until 1 P.M. Lunched with members of National Academy by invitation D. Hill. C. & I went around city in an electric cab in late P.M.

Wea.

FRIDAY 18

Ther.

Clear & warm.

C. went to Baltimore for the day. She went to Smithsonian by electric cab with me on her way to depot. Allen, Merriam, Stone, Dwight, Richmond & I present at Commemorative meeting. Worked until 4 P.M. where I met C. at depot. We took electric to Arlington. It was beautiful & refreshment. Heard Song Sparrows, Carolina Wrens, a Killdeer. Sium angustifolium in bloom. went to me

Wea.

SAT. APRIL 19, 1902

Ther.

Clear, calm, warm

Committee met at 9.30. C. drove over with me in electric cab. Same members present as yesterday. Merriam, Richmond, Allen, Stone & I lunched at an oyster house on the Avenue.

C. & I went out to Soldiers' Home by electric cab in P.M. Heard a Meadow Lark, Brown Thrasher & Song Sparrows singing; also a Chipping. Cemetery overgrown with Purple Chickadees.

Wea.

SUNDAY 20

Ther.

Brilliantly clear, calm, warm. Dentaria laciniata in full bloom; went to me To Cabin John Bridge by electric with C. 9.30 - 12 M. Saw lots of Burroards, 3) Doves, (2) Carolina Chickadees. Heard a Cardinal & Carolina Wren. Woods full of flowers chiefly anemones, Saxifrage, hepaticas & blood root & wood violet. Struckdowns in full bloom. In P.M. C. & I called on the Doughtys. They were out. I went along to the Merriam where I saw C. Hall, Mrs. Dorothy & Lucinda. Henry S. Higginson of Boston there. In evening the Doughtys called on C. & me

Wea.

MON. APRIL 21, 1902

Ther.

Clear & warm with light S.W. wind.

Committee met at 9.30. Dwight left Washington early this morning & Stone by a noon train. The rest of us <sup>did not</sup> <sup>in P.M.</sup> worked all day ~~working~~ on the dinner at an oyster saloon. I lunched with Miller at Nat. Mus. & afterwards looked over his mammal collection. C. & I visited two antique furniture stores in late P.M. Cherry Singer arrived this evening.

Wea.

TUESDAY 22

Ther.

Clear & hot with light S. wind 89° max.

Called at Wright's this morning. Then to Smithsonian where Committee held its first dinner 9.30 a.m. to 4 P.M. Present Allen, Merriam, Ridgway, Richmond & W.B. With exception of Ridgway we all lunched together at a place where there are no waiters.

Miss Swope came from Baltimore & spent night. She, C. & I saw Julia Marlowe this evening in "When Kingship is in Power".

Wea.

WED. APRIL 23, 1902

Ther.

Clear with light S. wind 90° (5 hrs)

After breakfast took cars to Wright's & paid for old furniture in full. Then by cab to Agricultural Dept. where I saw Merriam, Theo Palmer, Fisher & Osgood. Also Dr. Woodward. Called on Dr. Howard & talked about mosquitoes. At 11 a.m. Obukhola & I went to Smithsonian where we found Ridgway & Richmond. Spent rest of day then working up Lower Colorado. C. & I with them worked all day. Miss Swope played on with her. Merriam called on us this evening.

Wea.

THURSDAY 24

Ther.

Clear & cooler with fresh W. wind.

C. left Washington at 10 a.m. for Phila. I followed by 12.15 train & we came on to New York together going to the Sherman Square Hotel. Before leaving Washington I called on Dr. Merriam. He is a bad wreck his face distorted terribly by paralysis. Also saw Richmond, Obukhola & Miller again. After tea in full bloom Washington to Phila., peach, pear & cherry trees from Phila. to New York.

New York - Cos Cob, Conn.,

Wea.

FRI. APRIL 25, 1902

Ther.

Sunny but hazy in a. m. P. m.

Cloudy with rain at evening

Visited Central Park in a. m. Strolling about through the beautiful paths near the pond. Song Sparrows, White-throats, Robins & Grackles were numerous.

In P. m. About B. Conn. of Trinidad made us a long call. Later Edward Kitchell & Mr. Randall came.

George & Lottie Kitchell dined with us at 8.30.

Wea.

SATURDAY 26

Ther.

Sunny but hazy. Cold with S. wind.

Took C. into the Park in P. m.

We left New York in P. m. the train at 3.30 for Cos Cob to visit

Edward J. Seton. He has a beautiful

place a new front station. We spent the P. m. strolling in the woods.

Hylas feeding on various warblers: Thrashers, Robins, Cuckoos, Field Sparrows singing. A Partridge downy.

Cos. Cob - Cambridge.

Wea.

SUN. APRIL 27, 1902

Ther.

Cloudy & cold with high N. W. wind

Spent a. m. in Seton's woods. They are very beautiful & full of wild flowers.

Claytonia covers the ground. Saw blue columbine, blood root, the big Monarda etc.

La. Water Thrushes numerous about the artificial pond looking fairly.

A pair of Barn Swallows at nest in fork of big oak.

Took 12.20 train to New York & 3 P. m. train thence to Boston reaching home at 9.30 P. m.

Wea.

MONDAY 28

Ther.

Clear & very warm

70°

Spent day in Museum working on Brown Coll. books adding & revising to include notes taken at Washington.

In late P. m. walked to Blinworth.

A large colony of Grackles at Blinworth there. A Hermit Thrush in our garden sang lots over at evening.

The wild gardens making a good show. Blood root, Claytonia, Squirrels' corn, Muesli, Wild Honeys, Trilliums & hellebores in full bloom.

Wea.

TUES. APRIL 29, 1902

Ther.

Clear & warm.

To Mus. Comp. Zool. at 10 a.m.  
Saw Woodward & Borge & with  
them planned a lot of new cases for  
the bird skins. They will cost \$2500?  
Lander dined with G. & me  
at 1.30. Wrote most of P.M.

Wea.

WEDNESDAY 30

Ther.

Cloudy & raining steadily most  
of the day.

I put in a good days work on  
the home Cal. paper. In late  
P.M. walked to Elmwood. A  
number of Grackles there evidently  
preparing to breed, a flourishing colony  
in the Smith pines on Taylor street &  
& an or two pairs in Norway Spruces  
on Highland St.

Wea.

THUR. MAY 1, 1902

Ther.

Partly cloudy with showers in A.M.  
Cool with westerly winds.

Spent A.M. in Museum working  
on home Cal. paper. We closed the  
house at 4 P.M. G. going to the  
Thorpes' to stay until Monday when  
the move to Lancaster, I to Concord  
by 5.01 train. Found Pat & Gilbert  
at cabin. Walked to Holden's after  
supper. Lots of birds here.

Wea.

FRIDAY 2

Ther.

Beautifully clear cool in early morn.  
with light N. wind, calm & hot at noon,  
cool E. wind in P.M.

Spent A.M. at farm walking both  
ways. Country alive with birds. One  
of my apple trees had a few blossoms  
expanded. Parker & two men at  
work on posts for bars. All then  
worked at cabin in P.M. Pat &  
Hansen hauling brush & river debris  
with Navy. I roamed about in  
Roll's Hill region until sunset.

Wea.

SAT. MAY 3, 1902

Ther.

Cloudy. Clearing at 4 P. M. Bright  
rain in early morn. Wind S. Cool.

Spent A. M. at farm transplanting  
various things in flower garden.  
Dined there. In P. M. Pat & Hansen  
brought down a number of large  
barberry bushes that they got at  
Annie's last month & we planted them.  
Went on Humboldt Knob fort in Pine Park.  
Walked to Banner Meadows after supper.

Wea.

SUNDAY 4

Ther.

A. M. Brilliantly clear; P. M. Cloudy;  
light rain at eve. Wind S. E. Cool.

Walked to Banner M. & Holden's Hill  
just after breakfast. Spent rest of  
A. M. & first half of P. M. writing  
letters. In late P. M. set out a  
lot of orange milkweed plants  
on Pine Ridge.

Harriet Holden called at noon.  
Four other canoes, a boat & a  
steam launch passed.

Wea.

MON. MAY 5, 1902

Ther.

Heavy rain at daylight. Most of day cloudy  
with cool W. wind. Evening calm & sultry.

Spent day on Pine Ridge cutting out  
a wood road from the balance gate  
Had Pat & Hansen with "Nancy" &  
the cart. Took all the brush out into  
Banner's field.

Took a walk around Ball's Hill Swamp  
after supper. Hylas making tremendous den.  
Arrived: Vary, Olive-bell, Kingbird, Grosbeak  
& Solitary vireo.

Wea.

TUESDAY 6

Ther.

Brilliantly clear. Morning & evening cool,  
middle of day warm. Wind N. changing to  
S. at noon & to S. W. at 5 P. M.

Spent most of day on Pine Ridge.  
Pat finished the new chestnut  
gate there. Hansen & Pat hauled  
leaves from Davis's Hill to the  
Coy mound pit. We have used up  
nearly all the Coy mound wood 2 years  
ago. Gilbert went to Cambridge in P. M.  
Birds dropping in from the South.  
Chestnut-sided Warblers arrived to-day.

Wea.

WED. MAY 7, 1902

Ther.

Cloudy clearing in late P.M. Warm with S.W. wind, cool at evening with N.W. wind. Heavy rain last night.

To Pine Ridge directly after breakfast and for most of P.M. Worked on Lower Cole Paper from 9-12 A.M. chiefly describing the introduction. Walked to Pine Pass at camp. Arrived a Towhee & 2 Cow-Birds. Pallen & Warren made a turn till at lower gate. Pat & Hansen homing Crows for Davis. Their

Wea.

THURSDAY 8

Ther.

Brilliantly clear with light N.W. wind; a perfect day warm at noon.

Spent day at farm walking over ways. Pallen & Warren setting posts & fitting bars; Pat digging the holes; Hansen homing. We caught 5 small rats in the barn cellar yesterday & 6 today. Chickens, Bobolinks & Wood Thrushes around. I wrote most of A.M. & part of P.M. working on final revision L.C. paper.

Wea.

FRI. MAY 9, 1902

Ther.

Clear with a living gale from N.W. A.M. warm - P.M. cool - almost frosty at evening.

Spent day at farm walking up (8-9 A.M.) & back (6-7 P.M.)

Wrote on L.C. paper most of A.M. & part of P.M. The carpenter finished their work to-day.

I tied up a lot of transplanted seed pines that were thrashing in the wind. A big wood fire in direction of Tarkenton.

Wea.

SATURDAY 10

Ther.

Clear & cold with high N.W. wind. Water in tubs at the farm & at West Bedford skinned one last night.

Spent day at Ball's Hill. Finished revision of Part I, Birds lower Cole, in A.M. Worked on paths & flower beds about cabins in P.M. Pat & Hansen helping me. George V. Everett arrived by 5:30 train & spent the night. Before supper we walked to Holden's Hill.

Wea.

SUN. MAY 11, 1902

Ther.

Brilliantly clear with light N. W. wind.  
Cool at morning & evening.

Mr. Bennett felt ill this morn. that he  
took 8.13 train back to Boston. I drove  
to farm & exposed 8 5x7 plates on  
apple trees in bloom. Walked back.

John T. Nichols & Harold Bonchick arrived  
at noon to spend night. In P.M. we walked  
to farm via Davis's Hill & back via  
Benson's. Went to Bennett's wood on  
way. Met George Hayes & Miss Brown,  
Mr. Smith & Miss \_\_\_\_\_ on Davis's Hill.

Wea.

MONDAY 12

Ther.

A.M. clear & warm with light S.W. wind.  
P.M. heavy with S.E. wind.

Nichols & Bonchick up & out at 5 A.M.  
After breakfast we walked to farm via  
Benson's & back via Davis's Hill.  
Saw a lot of birds among them a  
Towhee & a Song Sparrow. Both  
Nichols & Bonchick left at 10.30 & at  
12.30 Gilbert went to Cambridge &  
home some of P.M. writing.

Wea.

TUES. MAY 13, 1902

Ther.

Brilliantly clear with fresh N. W. wind;  
Very cool - almost frosty - at evening.

Walked to Benson's wood & around Ball's  
Hill just after breakfast. Work on review of  
Brown Coll. paper 9.30-12 A.M., 1-2.30 P.M.  
Hansen hauling logs from Davis's Hill.  
Pat has been drinking since Sunday &  
has not worked this week.

At 6 P.M. Gilbert & I moved our things  
to the farm where we shall stay until  
next week.

Wea.

WEDNESDAY 14

Ther.

Brilliantly clear with light N. W. wind.  
White frost in early morn. Midday warm.

Just after breakfast walked through  
Cedar Pasture to Pulpit Rock woods.

Worked on Brown Coll. paper 9-12.30 A.M.  
2-3.30 P.M. At 5 P.M. started out  
again. Strolled through Cedar Pasture &  
Red Pine Corner to Blunt's Pasture  
where I spent an hour or more working  
with hatchet & pruning shears, thinning  
the brush about valuable trees & shrubs.

Wea.

THUR. MAY 15, 1902

Ther.

Clear most of day. Light S.W. wind.  
Evening calm & exquisitely beautiful. Warm.

Walked through oak woods & Pulpit Rock  
woods after breakfast. Worked on home coll.  
from 9-12 a.m. Drove to Angus Mill  
after dinner. Back at 5 P.M. to  
Pulpit Rock woods again. Walked  
up road to Swift place 6-8 P.M.  
Apple orchards still in bloom & simply  
glorious. Some down near began cutting  
wild cherry trees along my roadside this a.m.  
I found them about their business & made  
to some place, then walked to General.

Wea.

FRIDAY 16

Ther.

Clear with light N. wind. Early  
morning cool, middle of day warm.

Breakfasted at 6.30 & took 8.13  
train from W. Belford to Cambridge where  
I spent the day in Museum putting  
on the final touches to the home coll. from  
bushes at the Deans, with Walter &  
Maggie. Mr. & Dr. Coolidge out on their  
picnic. Returned to W. Belford by 5.01  
train. Adams Johnson & Miss North called  
at the cabin while I was there. Walked  
back to the farm after dinner.

Wea.

SAT. MAY 17, 1902

Ther.

Clear, much warmer. Wind N. to N.W.

Spent day at farm. Walked to  
Pulpit Rock just after breakfast, water  
batters in forenoon, in late P.M.  
visited the Blueberry Pasture & spent  
nearly two hours there (5.30-7.20)  
It was alive with birds.  
Hedgehogs are common & very common  
in the woods.

Wea.

SUNDAY 18

Ther.

Cloudless with light N.W. Slightly warmer  
than yesterday.

Strolled about the orchard just after  
breakfast. At 3 P.M. drove to the  
cabin and loaded the big boat up  
to the Butterfield where Gilbert met  
me with Chauncy & drove us back  
to the farm. I spent the last hour  
of the day (6.30-7.30) in the Blueberry  
Pasture. Birds strongly silent this  
evening. Found one plant of *Rhodora* in  
flower in the pasture.

Wea.

MON. MAY 19, 1902

Ther.

Cloudy with drenching rain (the first for weeks) beginning at 10 a.m. & lasting into the night.

Drove to Concord in the "Democrat" & met C. who came from Lancaster by 10 a.m. train. I had intended rowing her down to the cabin but the rain decided us to drive direct to the farm where we spent the night. Attempted a walk up the road at 6 P.M. but heavy rain drove us back.

Wea.

TUESDAY 20

Ther.

Clear with light N.E. wind.

A lot of birds singing about farm house this morning. Hummingbird feeding near in big elm. Night Hawk preying.

Drove to Ball's Hill at 10 a.m. crossed river in day, & took 12.10 train for Lancaster, C. with me.

In late P.M. C. & I walked down the lane past the Cemetery & out into the fields beyond. A Thrasher singing gloriously. A Bittern preening. Three Wood Thrushes singing.

Lancaster

Wea.

WED. MAY 21, 1902

Ther.

Brilliantly clear with light N.W. wind. Ice is said to have formed here last night.

C. & I walked through the Lane this morning. Entered Cemetery on return. Lonestar Finch feeding in Balsam fir 35 ft. up. Pinks in full bloom everywhere over the grass. Wrote letters through forenoon. In P.M. went to village by electric & sent a telegram. Met Harrison on the street. Cleared out flower bed of weeds in late P.M.

Wea.

THURSDAY 22

Ther.

Clear & much warmer

C. & I went to Cemetery after breakfast. A Wilson's Black-cap & ♀ Canadian Warbler in the Balsam fir.

Wrote letters in A.M., bird notes after dinner. At 5 P.M. C. & I drove over to the Thayers in the hotel carriage. Saw John & Mrs. Thayer & the children. Mrs. Thayer has a lovely beautiful flower garden.

Wea.

FRI. MAY 23, 1902

Ther.

Clear & intensely warm. 90° max

C. & I walked to the intervals near the bridge after breakfast & sat there under a big maple for half an hour. I wrote letters through the day of forenoon.

In P. M. C. & I took electric car to South Dorchester where we visited the greenhouse & bought geraniums, forget-me-nots & pansies for the flower bed in front of the cottage.

Wea.

SATURDAY 24

Ther.

Clear & very warm. Heavy thunder showers 8-8:30 P. M. 88°

Took 7:30 A. M. train for Cambridge. Had hair cut, called at S. Phillips Place & saw Mrs. Thayer, spent rest of A. M. at Museum. Lunched with Helen & Margie. Day a lot of plants for Mrs. John Thayer. Took 3:01 train for W. Bedford. Saw Mrs. J. Seton on it. We crossed river & spent night at cabin. Before dinner walked to Golden's Hill.

Wea.

SUN. MAY 25, 1902

Ther.

Cloudy most of day & very hazy. Light rain after dinner.

Seton & I spent whole A. M. in woods. Walked to Birch Island by river path, across Green Field to the farm, back through oak woods & past spring, then over Pine Ridge. Saw & banded many birds. After dinner Seton made some artificial hollow limbs of wire, burlap & plaster Paris. We took electric to Concord at 5 P. M. He went there by train to Boston, I by electric to Concord meeting Miss Holman at 8 P. M.

Wea.

MONDAY 26

Ther.

A. M. Dull with strong S.W. wind. P. M. Cloudy with heavy thunder showers 5-6 o'clock.

Spent day with John Thayer & Harriman searching for nests of Henderson's Sparrow in meadows on the Pandy Farm. Found 488 Henderson's trying & flushed a ♀ Wren in nearby downy flower but could not find nest. I watched a ♀ D. Wren to nest in white linn on which she was working. Got home just before the shower. C. had bad head ache & went to bed at 7 P. M.

Wea.

TUES. MAY 27, 1902

Ther.

Cloudy with heavy rain in P.M.

C. & I walked up the Back Road towards John Thayer's as far as the brook immediately after breakfast. Many birds but migration apparently at an end. There is a small patch of Blood Root & a large one of Betony on this road. Spent remainder of day in house writing up my journal.

Wea.

WEDNESDAY 28

Ther.

40° min

Cloudy & cold with high N.W. wind

C. & I walked this morning up the road to Pownall's Bridge. Just beyond it we saw perfectly fresh deer tracks in the road, those of a yearling buck I thought. I wrote all the rest of the day getting off a lot of letters. C. walked to the library in P.M.

Wea.

THUR. MAY 29, 1902

Ther.

Clear & cool with high N.W. wind.

Off with John Thayer & Harriman for the day starting at 9.30. Spent A.M. looking for Henslow's Sparrows nests in the swamps on the Parry farm. Skipped several birds without finding any nests. At noon drove to Pine Hill. Harriman saw a pair of Chickadees there yesterday but we could not find them. Returned to swamps in P.M. & searched some more for Henslow's nests in vain.

Wea.

FRIDAY 30

Ther.

Brilliantly clear with cool N. wind.

C. & I walked around the triangle just the Poor Farm after breakfast, out into the wide intervale fields in front of the house (where I dug a lot of Rhayon, to take to Cambridge & Concord) in the mid. afternoon, to the creek below the iron bridge just before sunset. It was a day to remember with brilliant sunlight & rare lights & shadows towards evening. I wrote two or three hours in the forenoon.

Wea.

SAT. MAY 31, 1902

Ther.

Clear & cool with fresh E. wind. 62 May.

Took 7.30 a.m. train for Cambridge.  
Went first to Mrs. Conz. Tril. where I  
saw Woodward, Hutton & saw 400  
Bornean skins just received in ych.  
from Dr. Finck of Berlin.

Walked there to my place. Dined  
with Walter, collected first batch of frogs  
& some Cole. before set out Rhyacion Wood  
Hatched singing in the garden. To Concord  
in late P.M. meeting Roland on the train

Wea.

SUN. JUNE 1

Ther.

Brilliantly clear & warmer with fresh  
S.W. wind.

Roland & I went to farm in a.m.  
via Davis Hill & Birch Id. returning  
at noon via Birch Field & Davis Swamp.  
Met Joe Waine & his son on the farm.  
Also talked with two ladies who are  
looking at the Swift farm - very agreeable  
people.

Roland went back to Boston by 4.10  
P.M. train. I walked around Ball's Hill  
afterwards. Fresh deer tracks within 20 yds  
of cabin at Concord <sup>just</sup> - new bird cage  
of <sup>recovered</sup> <sup>latter night</sup> <sup>& this morn.</sup> & P.M.

Wea.

MON. JUNE 2, 1902

Ther.

Clear & hot with strong S.W. wind.

at 8.30 Took electric car to Concord  
where I met C. at 9 a.m., Walter & Margie  
Deane at 9.47, Mr. & Mrs. John E. Thayer  
at 10.05. I took the Thayers down river  
in the big boat, C. down the others in a canoe.  
We all called at the house & saw Mrs. Ames.  
He dined at cabin Mrs. Emerson joining us there.  
at 2.30 P.M. we started for farm, all walking.  
All drove back to Concord where C. & I went  
to Lancaster by electric cars.

Wea.

TUESDAY 3

Ther.

Clear & hot with short, sharp thunder  
showers at 4 P.M.

Off with John Thayer & Harrison for  
the day. Spent a.m. in the old pine  
woods looking for Black-burnian's nests.

Birds plenty but we found nothing  
save a half finished Red-eye's nest.  
Devoted P.M. to searching for Henslow's  
Sparrows nests on Pansy Farm. Heard  
4 males singing & flushed several birds  
but found no nests of any kind.

Drove via farm to Essex through <sup>to</sup> 2 young  
flying. Squirrels from nest in white pine

Wea.

WED. JUNE 4, 1902

Ther.

Clear. A. M. warm with S. W. wind  
P. M. cool with N. W. wind.

Walked to Cemetery & through Cam with  
C. after breakfast. Wrote letters in A. M.

In P. M. John Thayer called & drove  
me over to his place. When with  
Mrs. Thayer we walked to a ledge  
covered with hepaticas & maiden's  
hair ferns. I never saw so much of  
either in E. Mass. before.

C. read to me in the evening.

Wea.

THURSDAY 5

Ther.

Clear & cool.

Corrected second batch of proofs  
of Laura Cal. paper in A. M. &  
took them to post office at noon.  
At 2.30 John Thayer called &  
drove me to the Parker woods  
where we found Harriman. These  
woods are by far the finest I have  
seen in Lancaster. The trees are upwards  
of 100 years old. There are many hemlocks  
& some with firs, chestnuts & oaks.  
Heard a D. castillensis sing.

Wea.

FRI. JUNE 6, 1902

Ther.

Sunny but very hazy; warmer.

C. & I walked to the Cemetery  
just after breakfast. I spent the  
remainder of A. M. writing letters.  
We took the 3.10 P. M. train for  
Groton where we spent about an hour  
with George & Betty Johnson & the children.  
Heard a Quail & several Meadow Larks but  
only one Bobolink. He did not sing "Queen".  
Returned at 5 P. M.

Wea.

SATURDAY 7

Ther.

Cloudy and rather warm with light  
drizzle of rain in P. M.

Livvy Simmons came from Cambridge this  
forenoon to spend the day with C.  
I left Lancaster by 3.10 P. M. train  
with John E. Thayer for Dublin N. H.  
We left the cars at E. Harrisville & were  
driven first to the Cabot's place (to deliver  
two of their mail services) & then to  
Abner Thayer's where we are to spend  
Sunday & the eve of a Pleasant Reception.  
Spent the evening talking with Thayer & his  
son & family.

Wea.

SUN. JUNE 8, 1902

Ther.

A. M. Cloudy & sultry with heavy shower at noon.  
P. M. " clearing at sunset with strong, cold  
N. W. wind, actually "finger cold"

At 10 A. M. the three Hayers (John, Albert & Gerald)  
and I started for the Pelated Nest. We  
spent about 2 hours there & found the birds  
fed their young. Returned to dinner at 1 P. M.

At 3 P. M. walked to Joseph Smith's & saw  
his interesting journals & I looked at gardens.

Later went up the mountain again searching  
about through ground old woods. Set of birds  
11 P. M. talking.

Wea.

MONDAY 9

Ther.

Brimingly clear with strong cold N. W. wind.

Left Hayeri at 7.30 A. M. and drove to  
Hendons (10 m.) through a beautiful country.  
Took train there to T. C. & then to  
Clinton where John Hayeri was met  
& drove us to his house.

At 8 P. M. C. & I started for a long  
walk. We took the Back Road & having  
at beyond the children found followed a  
wood road to a deserted farm on a hill  
where we went to the ledge where the  
residence has been grown.

Wea.

TUES. JUNE 10, 1902

Ther.

Cloudy with light rain in P. M.

Off with Hayeri & Haremion for the  
day. In the first place was the schoolhouse  
Hayeri took a note & says of birds Solitaria  
kept visited the Haremion's Sparrows nest  
& found the nest with 4 eggs of one of them  
birds, the first I have ever seen in situ  
Succeeded in the old farm woods & spent most  
of P. M. looking carefully for Black-birds' nests.  
I found nest 4 eggs (very fresh) V. Solitaria &  
greatly talking bird

Wea.

WEDNESDAY 11

Ther.

A. M. Clear; P. M. Cloudy. Warm with S. E. wind

C. & I left Banaster by 9 A. M. electric car  
& went to Concord where C. met E. R. S. &  
went to house to meet Mr. Randell  
I kept on to W. B. & went to hotel at cabin.  
Walked to farm in P. M. C. E. R. S., Sally  
Ames, Johnny & Mr. Randell drove down  
& I showed them the house. Walked back  
to cabin in late P. M. Listened for  
"Kickers" after dark walking to the  
Banaster mountains but heard nothing  
save a Bittern.

Wea.

THUR. JUNE 12, 1902

Ther.

Clear & oppressively warm with light S.W. wind.

Took 8.13 a.m. train for Cambridge.  
Reached on place at 9.15. At 10.30  
went to Mrs. Comp. Zool. with Walter  
& showed Hilda How the numerous mistakes  
he has made in labeling Bigelow's collection.  
He took it more coolly. Lunched with  
John Hargreaves & Dr. Macdonald at Howard Union.  
Returned to house at 3 P.M. dressed & went into  
C. to see Mr. Hargreaves at home. His  
address from C. & I took supper at the Albany  
& slept in our own home.

Wea.

FRIDAY 13

Ther.

Cloudy with heavy thunder shower  
at 6.20 a.m. & light rain later in the day.

C. went to Maguoba for the day  
to a meeting of her Bee at Miss O'Leary's.  
I spent the day in the Museum  
& garden writing letters & notes  
in my journal. Took lunch at  
the Davis with Walter, Margie &  
Mrs. Gennep and tea at the  
Albany. C. & I slept in our  
house again.

Wea.

SAT. JUNE 14, 1902

Ther.

Brilliantly clear with light W. to S.E. wind.

Spent most of a.m. in the garden.  
Walked down to the Hargreaves with C.  
and saw Mrs. Hargreaves, Mrs. Gennep  
& Henry. Wrote for an hour or two.  
Took 5.01 P.M. train from Orlington  
to W. Bedford.  
Walked along the path to Bonnet Meadow  
after supper. Very few mosquitoes.

Wea.

SUNDAY 15

Ther.

Cloudy with heavy showers at day break &  
light drizzling rain in P.M. Sundry. Wind S.E.

Spent a.m. in new cabin writing  
up my journal. Also worked on it after dinner.  
At 3 P.M. went to farm of way of Pine Ridge.  
Benson's & the barn, returning at 6 P.M.  
via Birch Field & Davis's Hill. Mosquitoes  
rather numerous & troublesome. Noted  
any bird seen or heard. Few people on  
river to-day. Picked 3 quarts strawberries  
at the farm.

Wea.

MON. JUNE 16, 1902

Ther.

Cloudy with light showers, very sultry.

To Cambridge by 8.13 a.m. train. Walked across through Lincoln St. stopping at Botanic Garden to look over the outside plants; many interesting things in flower. Saw a pair of Song Sparrows with young. Spent most of day working on a lot of pages of Lower Cal. paper that arrived Saturday. Lunched with Walter & Margie & dined at 6.30 with them & Ruthven's boy, Charles. Gilbert & I spent night in our house.

Wea.

TUESDAY 17

Ther.

Brilliantly clear with violent N.W. wind. Went to Wolfboro to attend Trustees meeting. Estabrook left Boston with me at 9 a.m. Judge & Mrs. Bull joined us at Rockwell; J. K. Lord and The Weirs. Ada Lord came over for us in steamer West Wind. having so very rough a passage that the men refused to return with us. We therefore took the big steamer Mabel Woburn & after going to Centre Harbor & Allou Bay were landed at Wolfboro at 4.45 P.M. Had dinner at Hotel in town at 5. Graduating exercises 7.30 - 9 P.M. & very fine. Commencement supper at Hotel in town 8.00 - 1.30. Shore Trustees meeting 8 - 8.30. Munkland & Melvin absent.

Wolfboro - Cambridge - Concord.

Wea.

WED. JUNE 18, 1902

Ther.

Brilliantly clear with strong N.W. wind. Cool.

Left Wolfboro by 7.15 a.m. train & returned to Boston about reaching Cambridge at 10.45. Went directly out to our house & lunched with Walter & Margie. Took 5.01 train from Arlington to W. Bedford where Gilbert met me. Spent night at old cabin the new one being alive with wood boring beetles. Walked along river path & through Pine Park after supper.

Wea.

THURSDAY 19

Ther.

Cloudy with heavy rain in P.M. clearing at sunset.

Took 9.30 a.m. electric to Concord where I met C. & E. R. S. at about 10. We returned by electric to W. Bedford where Ida rode down with Houston. He all dined at cabin & afterwards walked to farm in pouring rain. I drove E. R. S. to Concord in late P.M. She returning by train to Cambridge. C. & I spent night at farm house. Our Whippoorwill singing. Mosquitoes pretty bad outside but none in house.

# Concord (The Farm) - Lancaster.

Wea. FRI. JUNE 20, 1902 Ther.

Brilliantly clear with light N. wind.

C. & Ida preserving strawberries all day.  
I drove to Concord in A.M. hoping to  
meet Miss Swamy & Miss Foster there  
but they did not come. In late P.M.  
C. & took a drive with Ashley along the  
road towards Carlisle.

Wea. SATURDAY 21 Ther.

Cloudy. with light rain in A.M. & a  
perfect downpour in P.M.

C. & Ida drove to Concord at 9.30 and  
took 10 A.M. electric to Lancaster.  
As I was writing in parlor at 9.40  
A.M. the Acton powder mill blew up  
shaking the house violently & making the  
windows rattle. This is the third explosion of  
this mill that has happened when I have been at  
Concord. Gilbert & I dined at Cabin.  
I took 3 P.M. electric for Concord & 3.34 P.M.  
train for Lancaster.

# Lancaster - Cambridge.

Wea. SUN. JUNE 22, 1902 Ther.

Brilliantly clear & very cool with light  
N.W. wind.

C & I walked to the village just after  
breakfast (I rode back in car, then went  
to Clinton to church) and through Cemetery  
came to the entrance by the river in  
late P.M. I spent greater part of  
day working on proofs of the Bone Col.  
paper. John & Mrs. Thayer called in  
late P.M.

Wea. MONDAY 23 Ther.

Clear & cool with fresh N.W. wind.

Gilbert arrived at 9.30 A.M. & packed  
my trunks & a lot of other things.  
He & I returned to Cambridge by 3.15  
train driving over from Porter's &  
opening our home when we spent night.  
I dined at the Deans with Walter & Margie.  
C. & Ida are to follow us to-morrow  
for our stay at Lancaster is over.

# Cambridge.

Wea.

TUES. JUNE 24, 1902

Ther.

Brilliantly clear & very cool with N. W. wind.

Spent most of day in Museum writing up my journal & bird notes.

Went to Harvard Square in P. M. Bunched at the Deans with Margie, Walter & Mrs. & Mr. Robbins of Phila. Took them through the Garden & into one house after another. Also took my car to Walter & Margie's. I arrived in late P. M. & we spent night in one house.

Wea.

WEDNESDAY 25

Ther.

Brilliantly clear; cool; wind N. W.

Attended Commencement at Sanders Theatre with C. We had good seats & enjoyed it all. President Roosevelt there for his degree. Mr. John Hay also had one. Exercises began about 10.30 & lasted until 12.45. I then went to College Yard & tried to get a divine ticket but was too late. So I dined at the Thayer's with C, Mrs. Semmes, & Perry.

# Cambridge - Glendale.

Wea.

THUR. JUNE 26, 1902

Ther.

Cloudy & cool with heavy rain in A. M.

C. & I were to have started for Glendale together this morning but she had a sharp attack of rheumatism during the night and we decided to wait until tomorrow. I spent the greater part of the day in the Museum.

Wea.

FRIDAY 27

Ther.

Clear & cool with strong N. W. wind.

C. was but little better this morning and I went to Glendale alone - by the 10.45 B. & A. train. Mrs. French met me at Stockbridge. On reaching the house I found Dan awaiting me. We took a short walk before sunset. The evening was beautiful & the birds singing freely. Standing in our place in the pasture I heard Hermit, Wilson's, & Wood Thrushes in song at the same time.

# Glendale

Wea.

SAT. JUNE 28, 1902

Ther.

Brilliantly clear. Warm at noon, cool at morning & evening.

In A.M. rambled alone through the woods near the house looking chiefly at plants. In P.M. Dan & I walked to Mc. Intosh's & thence to Knight's ice pond where we found a pair of *Sciurus hutchinsii* feeding six fledged young in a nest in a low gravel bank. The pond also with newts. Found a single plant of *Saxifraga cernua* in full flower on the edge of a wood path. Knight's field blue with *Echinium* vulgar. Both plants new to me. A wonderful show of blooming mountain laurel along a brook.

Wea.

SUNDAY 29

Ther.

Pouring rain all day with strong E. wind.

Spent most of the day in the studio reading an interesting but to me depressing story by a French author describing life in the Latin Quarter of Paris.

Later in P.M. Dan & I walked along the road to the Knight farm.

# Glendale - Cambridge.

Wea.

MON. JUNE 30, 1902

Ther.

Clear & sultry.

Dan & I drove to the Knight farm just after breakfast to get some plants of the viper's bugloss (*Echinium*) for our to take home. I left Glendale by the 10.22 A.M. train & reached Boston about 3.45 P.M. Sted. Beechick got on the train at Worcester. I had nothing to eat until 4 P.M. when I got dinner at Athletic Club. On looking home found C. nearly well again.

Wea.

TUES. JULY 1

Ther.

Cloudy with steady rain all day.

Spent entire day working on proofs of Brown Coll. paper with Walter.

Walter, Margie, C. & I began taking our dinners & suppers to day at Mrs. Horace Seudder's on Buckingham St. Mrs. Seudder & her daughter Miss Sylvia make up their present family.

The foliage on our place is exceptionally dense & beautiful this season despite the typhoid fever caterpillars which are very numerous just now.

Wea.

WED. JULY 2, 1902

Ther.

Brilliantly clear & rather warm with light W. wind.

Spent most of the day on the proofs of the Bona Cole paper.

In P. M. C. & I walked to the Botanic Garden where we found an interesting display of flowers. Many birds there. A Grosbeak singing gleefully. The Robins have found a nest in our blinds. I counted 127 arriving into them this evening.

Wea.

THURSDAY 3

Ther.

Stormy with strong N.E. wind & heavy rain all day.

Began on the Cambridge Birds this morning.

Wea.

FRI. JULY 4, 1902

Ther.

Brilliantly clear with cool N. W. wind.

Starting just after breakfast C. & I walked to Mt. Auburn where we spent nearly two hours rambling about or sitting under the shade of the trees. We visited the Dell and the long narrow pond where swans & ducks used to be kept. I noted 17 species of birds. Dr. W. H. Simmons & Loring called at about noon.

Wea.

SATURDAY 5

Ther.

Partly cloudy.

Spent A. M. writing in the Museum. Dined at the Thayer with C., Mrs. Thayer, Mrs. Simmons, Loring, Miss Thayer & Dr. Simmons.

Took 5.01 P. M. train Arlington to W. Bedford & spent night at the Cabin. C. went to Providence by an afternoon train to visit her aunt Ruth.

Wea.

SUN. JULY 6, 1902

Ther.

A. M. cloudy with light showers; P. M. clear & warm.

In A. M. transplanted a number of ferns & some plants of aniseed Golden Rod from the woods to the beds about the cabin.

Went to the farm in P. M. spending about 2 hours there working etc.

There were several noisy parties on the river towards evening.

Wea.

MONDAY 7

Ther.

Early morning densely foggy. Remainder of day clear.

Returned to Cambridge by 8.13 A. M. train. Spent most of day working on proofs on the Brown Cole paper which arrived Saturday.

Wea.

TUES. JULY 8, 1902

Ther.

Clear and very warm. — the first uncomfortably warm day for weeks.

Spent the forenoon working on proofs of some Cole paper. The greater part of the afternoon on the Cow bridge etc.

Wea.

WEDNESDAY 9

Ther.

Clear & oppressively warm.

Spent A. M. on birds of Cambridge. Also worked on a few hours after dinner.

At 5 P. M. C. & I took electric car to Waverley and had pic-nic tea on a ledge among the waving oaks. Saw a flock of 9 Black Duck flying high towards Fresh Pond at sunset. Also a Sparrow & 2 Hawks. Many common birds singing among them 2 Wood Thrushes.

Wea.

THUR. JULY 10, 1902

Ther.

A. M. cloudy with heavy rain, clearing in P. M. Cooler.

Spent A. M. working on the Birds of Cambridge adding notes & records & writing generally. I have not touched the introduction as yet.

In P. M. took Mrs. Almy to the Botanic Garden where we spent nearly two hours. The beauty & variety of the flowers are indubitable.

Wea.

FRIDAY 11

Ther.

Clear & cool with fresh N. W. wind.

To the Botanic Garden with C. at 9 A. M. Spending about two hours there. I am listing the more attractive flowers as they bloom in order to get some of them for our garden next year.

Worked on Cambridge Birds the remainder of the day.

In P. M. C. had some of our friends to afternoon tea on the bank terrace, Mrs. Simmons, Dr. & Mrs. Coolidge, Miss Johnson, Drury, Mrs. & Mr. Allen.

Wea.

SAT. JULY 12, 1902

Ther.

Clear & rather warm with light W. wind.

Worked on page proofs Brown Cole. paper in A. M.

Took 5:01 P. M. train from Arlington to W. Bedford & spent the night at the cabin. After supper walked to Pine Park & Pine Ridge. 2 Herons & a Cat bird & a Grass Finch in full song.

Also heard a Minnow & Song Sparrows. Great bird flight song of other birds. Orange hickories in bloom. Hemlocks on Knoll attacked by a fungus which has turned them yellow.

Wea.

SUNDAY 13

Ther.

Cloudless with light S. W. wind. Warmer.

After Breakfast walked to Davis Hill and back across Pine Ridge & through Pine Park.

Glenn M. Allen arrived at noon.

We started out as soon as dinner was over & walked to the farm by way of Davis Hill, Prescott farm & Birch Field returning by way of Rensselaers. Allen left for home at 4:30 P. M.

I walked to Holden's Hill after supper. A beautiful moon was down. Many insects on the lawn.

Wea.

MON. JULY 14, 1902

Ther.

Clear with light W. wind  
Intensely hot.

91°

Returned to Cambridge by 8.13 A.M.  
Train and spent day in Museum  
working on the Cambridge Birds.  
Purdie arrived in late P.M.  
bringing me two fine plants of  
*Asplenium angustifolium* which he  
got in Stony Brook Reservation

Wea.

TUESDAY 15

Ther.

Clear and intensely hot with  
strong S. W. wind and violent  
thunder shower at evening.

90°

Spent day as usual working on  
the Cambridge Birds. In late P.M.  
~~E. & I walked through Hubbard Park~~  
~~& down St. to the parkway along~~  
~~Charles River where we heard~~  
~~Spotted Sandpiper~~

Wea.

WED. JULY 16, 1902

Ther.

Brilliantly clear with cool N. W. wind.  
Evening very cool.

Spent the day working on the  
Cambridge Birds. In late P.M.  
C. & I took a short walk, through  
Hubbard Park to the parkway, on  
Charles River behind the Hospital where  
we heard a Spotted Sandpiper & some several  
Crows feeding on the muddy banks of the river.  
Mr. Bennett called at 7.30 & stayed nearly  
two hours.

Wea.

THURSDAY 17

Ther.

Partly cloudy with light Thunder shower  
at 5 P.M. Warmer.

Spent A.M. on Cambridge Birds, P.M.  
on prep of L.C. paper, which came  
this noon. Purdie arrived at 4 P.M.  
bringing me some plants, among them a  
specimen of *Phlox pilularis hexagonifolia* from  
the Stony Brook Reservation.  
C. & E. R. S. went to ~~North~~ Scituate  
& Cohasset for the day dining with  
Dora Thayer & calling on Ed &  
Frances Manning in P.M.

Wea.

FRI. JULY 18, 1902

Ther.

Partly cloudy.

Spent entire day on proofs of  
B.C. paper, working on them alone  
for Walter had gone to Metaprosite,  
with Margie, for the day.

C. went to dinner at Mrs. Scudder's  
with me but not to supper as her  
knee troubles her about walking. E.R. &  
went over to supper with me.  
The Robins increasing at the rose in  
our garden.

Wea.

SATURDAY 19

Ther.

Cloudy with repeated light showers

Spent entire day working on  
the Cambridge Birds. I am still  
revising old M.S. and have not  
yet begun my introduction.  
C. is still laid up with her knee.  
In the evening I called on Sam  
Humphreys. Jackson came in  
while I was there.

Wea.

SUN. JULY 20, 1902

Ther.

Cloudy with light fine rain through  
the day and a tremendous downpour  
the following night.

Gilbert & I started for Concord by electric  
at 10 a.m. reaching the cabin about noon.  
Spent most of P.M. at Farm, going &  
returning via Newton & Bird Field.

A very noisy crowd at the camp across  
the river, singing, shouting, dancing, blowing  
fish horns etc. all the afternoon.

Wea.

MONDAY 21

Ther.

Cloudy with occasional showers of fine rain

Returned to Cambridge by 8.13 A.M. train.  
Walked across from North Avenue passing  
through the Botanic Garden where I saw  
the pair of Song Sparrows & heard the  
male sing a few times. Very few new  
flowers in bloom.

Spent day in museum working on  
the revision of the Cambridge Birds.

# North Scituate - Cambridge

Wea. TUES. JULY 22, 1902 Ther.

Cloudy with several showers of fine rain.

Spent entire day in Museum working on Cambridge Birds. I am rewriting or expanding many of the descriptions etc. C. still confined to her couch by rheumatism.

Daniel C. French arrived at 9.30 P.M. & spent the night.

The weather continues cool. I sleep under two blankets nearly every night & to-day I had an open fire in my study.

Wea. WEDNESDAY 23 Ther.

Sun shining brightly in early morning, P.M. brilliantly clear. Very cool

Went into Boston at 10.30. Called on office & sold my Bell Tel. rights. Also cut off my Am. Coupons. Saw a Chatham, Mass. specimen of Black Brown at Charles & called on the owner, Mr. Avery Cary. Also saw at Charles the Yellow-crown. Bought them what Townsend has given me. Dined at Louisa's & took 4.10 P.M. train for North Scituate where Chadbourne met me at station with a new gray horse. Drove through Garrison's grounds & reached College Farm at 6 P.M.

Wea. THUR. JULY 24, 1902 Ther.

Cloudy most of day with cool E. wind.

Chadbourne & I spent A.M. in the woods cutting & thinning trees etc. Wood Thrushes singing a whistled note (note) In P.M. drove over to Scituate & called on Dora Thayer & Mabel Stuck in their new studio made from an old barn. I took 6.04 P.M. train for Boston Had supper at Atlantic Club & reached home at 8.15 P.M.

Wea. FRIDAY 25 Ther.

Cloudy with cool E. wind.

Spent most of day in Museum working on birds (both gullies & pigeons) of Lower Cret. paper. In late P.M. Irving S. walked with me to Charles River Park, Elmwood & Gray's Woods. C. is much better & came down stairs this morning for the first time

Wea.

SAT. JULY 26, 1902

Ther.

Cloudy with cool E. wind.

Three more galleys of peas came from the printers last evening & Walter & I walked on them all day.

C. came to the Sandel's with me to dinner & supper. Late in P.M.

I took E. R. S. to the Botanic Garden. The Song Sparrow still there & still in full song.

Wea.

SUNDAY 27

Ther.

Cloudy and cool with light rain in P.M.  
Wind East

Gelbert & I started for Concord at 9.30 A.M. going by electric & reaching the cabin at 10.30.

Went to farm just after dinner & found Hansen asleep on floor in Bungalow. He had been drinking & was hard to rouse. I spent about 2 hours transplanting & weeding & then returned to cabin in the rain.

Walked to Pine Ridge after supper. Planted lupine seeds in two places there & in two in Birch Field.

Wea.

MON. JULY 28, 1902

Ther.

Sunny (but rather hazy) most of day. Sunny with light S. W. wind.

I lost my usual morning train by waiting for Hansen who came late evidently in the hope of dodging me. Had a long talk with him. He promises to return & I shall keep him.

Took electric to Cambridge reaching Concord at 11.30. In late P.M. C. & I went to Payson Park where we saw a Sparrow Hawk & 30 Swifts & heard a meadow lark singing, a dove whistling off & on & a hedge bird chirping. Also saw a Blue Jay.

Wea.

TUESDAY 29

Ther.

A.M. sunny but hazy; P.M. cloudy with showers at evening. A pretty, humid day.

Spent A.M. working on Lower Col. prof. Also devoted about an hour to revising M.S. of Cambridge Birds. C. & I walked to Fresh Pond in P.M. talking hazy. Saw a Sparrow Hawk pursued by a King Bird fly over North St. just this side of Somerville & a Kingfisher perched on the rail fence at the Pond. A Song Sparrow singing at Kingsley Park & a Blended in the fields of North.

Wea.

WED. JULY 30, 1902

Ther.

Sunny but hozy. Warm.

Spent A.M. in the Museum identifying a lot of Allen's sent by Dr. Krumholz.

C. & I went to Norumbega Park, Auburn, in P.M. starting at 2 o'clock & getting back before 6. Saw a large pair of Loons & of Bisons & some good Bears & Wolves besides other small game.

Wea.

THURSDAY 31

Ther.

Brilliantly clear with light W. wind. Warm.

Spent entire day in the Museum working on various odd tasks & seeing Cambridge Miss. C. took Harry Jefferson & two of his boys to Norumbega Park.

Wea.

FRI. AUG. 1, 1902

Ther.

Partly cloudy & perhaps only drizzly hozy, the sun showing dimly at intervals. A pretty but not hot day. Expended six 6 1/2 x 8 1/2 plates in garden 7-7.30 a.m.

Spent A.M. in Museum writing up my field notes for July.

Went to Mrs. Comp. Züst in P.M. & saw Woodworth, Henshaw & Miss Parker. The only birds heard singing to-day were a Robin, a Redstart & a Goldfinch. Walter & I counted the Robins that came to roost in our lilacs this evening. He made 215, I 230. Mrs. Scudder, Maria D., Goring, & C. were with us.

Wea.

SATURDAY 2

Ther.

Clear & warm with light W. wind 80° max.

Spent most of day in Museum finishing my field notes for July and writing my annual report for the Museum Comp. Zoology.

C. went to E. Boston with Harry to see Elsie & her baby.

We are still taking breakfast on the back piazza & dinner & tea at the Scudders when Miss Jordan & Miss Deniock are to become regular boarders beginning with this evening.

Wea.

SUN. AUG. 3, 1902

Ther.

Clear & warm with light W. wind.

Gilbert & I went to Concord by electric starting at 9 A.M. & reaching Ball's Hill at 10.45. Spent night at cabin. Went to farm in P.M. by way of Pine Ridge, returning via Birch Field & Davis's Hill. Hansen has done poorly this past week accomplishing little of importance. He says Pat has disappointed him. I had hoped they would have the Barrett meadow cut on one this morning & on the river in P.M. but no noisy parties about.

Wea.

MONDAY 4

Ther.

very warm

A.M. sunny but hazy; P.M. cloudy with light thunder shower about 5 o'clock.

Spent an hour or so after breakfast rambling about on the top & sides of Ball's Hill, waiting for Hansen. My train had gone when he finally came & I had to return to Cambridge by electric reaching the house about 11 A.M. Worked on the Cambridge Birds the remainder of the day.

Wea.

TUES. AUG. 5, 1902

Ther.

Cloudy & much cooler with light easterly wind.

Spent A.M. revising the Cambridge Birds. In P.M. went with C. to Stoughton by electric via Arlington.

Wea.

WEDNESDAY 6

Ther.

Cloudy with frequent heavy showers

Spent day in museum working on Cambridge Birds. Gilbert went to Concord.

Wea.

THUR. AUG. 7, 1902

Ther.

Brilliantly clear with fresh N. W. wind.

Spent a.m. in Museum selecting photographs to use as illustrations in the Cambridge list. I shall have Gilbert copy them.

Went to Mrs. Comp. Zöll. in P.M.  
Saw Mr. Agassiz, Dr. Woodward, Huxford, Miss Parker. Mr. Agassiz promised to write to ~~University~~ Press protesting against delay in printing my paper. On the way back I saw Mr. Reed about it. He definitely promises proof of all necessary M.S. on or before Aug. 18.

Wea.

FRIDAY 8

Ther.

Thunder shower 8-8.30 a.m. Remainder of day clear with strong N. W. wind.

Spent a.m. in Museum putting out birds for an exchange with Trosar. Walked on Cambridge list after dinner. At 4 P.M. Miss Jordan & Miss Dimmock (our fellow boarders at Mrs. Sanderlin's) came to take afternoon tea & see the collection. E. R. S. also came & called the young ladies here a cousin of Mrs. Sanderlin's who are attending the summer school at Harvard.

Wea.

SAT. AUG. 9, 1902

Ther.

Brilliantly clear and rather cool with brisk N. W. wind.

C. Ida & I went to Concord by electric this morning, starting at 9.30. Dined at cabin & remained there until 4 P.M. when C. & I started for the farm. Spent more than an hour on the way going via Pine Ridge & Birch Field.

Walked about the place & down the road after supper. Spent the night at the farm house.

Wea.

SUNDAY 10

Ther.

Clear and warm with light S. W. wind. Clouds gathering in late P.M.

Starting at 9 a.m. with a horse & buggy borrowed from our neighbor Mrs. Ritchie, C. & I drove the Welland (formerly Wright) place at Fairhaven Bay. We drove up around the house where there is a beautiful view. I also saw the artificial pond across the river made about ten years ago by damming a brook & a great lot of Black & White Ducks & Trosar calls me. Reached home at 12.30. Spent most of P.M. collecting frogs of Karl. Some Cole. paper brought from Carl. by Karl.

Wea.

MON. AUG. 11, 1902

Ther.

Cloudy with two tremendous thunder storms, the first 10.30-11 a.m., the second 1-1.30 P.M. A warm sultry day.

At 9.30 a.m. Hansen drove C. Gilbert & me to Ball's Mill. After I had changed my clothes Gilbert rowed us across the river and on after waiting an hour for E.R.S., whom we expected but who did not appear, C. & I took an electric for Cambridge at the height of the first storm. The second came when we were dining at the Harvard Restaurant on Dunster St. I spent P.M. finishing my work on the proofs.

Wea.

TUESDAY 12

Ther.

Brilliantly clear with strong, cool N.W. wind.

Spent entire day in Museum working on proofs of Lower Cambrian fossils. They are coming fast now, two or three galleries nearly every day, and more than three quarters of the material are in type.

C. was gone in Boston & at Roxbury all day. She had a rather bad fall while hanging for a car. Hansen brought down a load of wood & took back my Geol. Buggy -

Wea.

WED. AUG. 13, 1902

Ther.

Brilliantly clear & deliciously cool with light N.W. wind.

Spent most of the day working on proofs of Lower Cambrian fossils. At 4 P.M. Gilbert & I went to the Botanic Garden where I exposed two  $6\frac{1}{2} \times 8\frac{1}{2}$  plates but the wind spoiled one of the pictures. C. joined us at 5.30 P.M. and we walked back together.

Wea.

THURSDAY 14

Ther.

Clear but somewhat hazy, warmer with light W. wind.

The Lower Cambrian proofs continue to pour in daily & Walter & I worked hard on it to-day, both morning and afternoon. At 4 P.M. Loring Fuller, who is to sail for Europe on Saturday, called to say good bye. After seeing her I took a short walk - along the river past the hospital grounds & back by way of Elmwood, seeing a Kingfisher in Coolidge's Creek.

Wea.

FRI. AUG. 15, 1902

Ther.

Clear but somewhat hazy & warmer with light S.W. wind.

The last of the gallery proof of my Brown Coll. paper arrived last evening & Walter & I spent this forenoon on it. In the afternoon we worked on a lot of page proof which also came yesterday.

Wea.

SATURDAY 16

Ther.

Partly cloudy in A.M.; P.M. clear.  
Cool at morning & evening. Tiffel N. & N.W. wind.

Starting at 10 A.M. Gilbert & I took electric cars to Arlington; Thence by depot carriage to Spring St. Thence we tramped through the woods & fields to Rock Meadows keeping near the line of Marsh St. visiting many places that I have not been for years, lunching at the Spring near the Crossbill woods, exposing 12 5x7 plates (one spoiled) seeing a good many small birds. Followed road from W. end Marsh St. to Waverly where we took electric home. A fine day & good old fashioned work.

Wea.

SUN. AUG. 17, 1902

Ther.

56° min  
5.30 a.m.

Brilliantly clear with light W. wind.

Gilbert & I went to Concord by electric starting at 10 leaving Ball's Hill at 11.45. Before crossing river exposed three 4x5 plates at Ball's Hill. Went directly to farm walking through the woods via Davis's Hill & Bull Field. In P.M. I am told about the farm & pulled some backhairs. Spent night at farmhouse. Had a long talk with Edwin Lawrence in the evening. Brilliant moonlight, no night sounds save those of *Alouatta vociferans*.

Wea.

MONDAY 18

Ther.

More of A.M. cloudy; P.M. clear. High W. wind.

Spent A.M. working with Hanson & Pat. in the grove behind the old barn where we are down a number of trees that were climbing the Hickories & changed out the wood roads & wires. Found a good sized Hard Bark Hickory the first I have seen on our land. Dined at farm house. Went to Ball's Hill at 3 P.M. & met C. L. who had spent day at Boston) on electric at W. Bedford returning to Cambridge with her.

Wea.

TUES. AUG. 19, 1902

Ther.

Cloudy with heavy showers in forenoon. Cool.

A broken, unproductive day. Worked on Cambridge Birds for an hour or two when Outram Bangs called & stayed until 1 P.M. Robert Hayward came at 12.30 & went to dinner with us at the Seabrooks. He spent most of P.M. Walter ill at home all day.

Wea.

WEDNESDAY 20

Ther.

Clear, calm, warm.

Before daybreak the strong odor of a Skunk penetrated one room through the open window. At 7.30 A.M. I found the animal in the area at N.E. end of house. He was about 1/2 grown & chiefly white, very gentle, sleeping most of the time. I shall not disturb him. I have got a good photograph of him later in the day.

I spent the entire day reading page proofs of Bourne-Cole's Birds.

Wea.

THUR. AUG. 21, 1902

Ther.

Partly cloudy with short thunder shower in P.M. Sunshine & warm.

Spent day in Museum working on introduction to Cambridge Birds. The Skunk still in cellar area sleeping quietly. Last night I threw in a dead Robin! Killed by a cat on the lawn & this morning it had all been eaten.

At 6 P.M. Mary & George Deane, Walter & Margie, Miss Blatchford, Miss Jordan, Miss Drummond, E. R. S., Dr. Woodhouse & Santa Hershaw & Purdie came to a picnic. Afternoon at most of them watched the Robins come in. He counted about 300. Also saw a night Hawk, 8 Swifts & a night Heron flying over the garden.

Wea.

FRIDAY 22

Ther.

~~Partly cloudy with strong N.W. wind. Cool.~~  
Brilliantly clear with cool E. wind.

~~Spent most of day in Museum working on introduction to Cambridge Birds.~~

At 10 A.M. met John E. Thayer at his office, 50 State St. Mrs. Frank Butwell joined us at 10.30 & we spent more than an hour discussing the publication of her late husband's M.S. on Birds near Mexico. Thayer will publish it. Returned to dinner at Mrs. Seabrooks & spent P.M. reading the final batch of page proofs of Birds of Cape Region, Bourne-Cole.

Wea.

SAT. AUG. 23, 1902

Ther.

Partly cloudy with high, cool N. W. wind.

Spent most of day in Museum working on Introduction to Cambridge Birds. It advances very slowly for I am taking great pains with it.

In late P. M. called on Royal W. Simpson & asked him many questions about Cambridge in the days of his youth. He remembers many things clearly & gave me much valuable information. C. read to me in the evening.

Wea.

SUNDAY 24

Ther.

Brilliantly clear with light N. W. wind 54° in A. M. Cloudy in P. M.

Purdie, Gilbert & I went to Concord by electric, leaving at 9.30 A. M.

Concord - Cambridge - Belmont.

Wea.

MON. AUG. 25, 1902

Ther.

Early morning brilliantly clear. Three short thunder showers in P. M.

After breakfast Purdie & I explored the pine woods W. of Albert Lawrence's. They are very beautiful. Lawrence's Boys showed us an old chestnut the largest I have seen in Concord.

Purdie left at 10 A. M. driving to Concord with Gilbert. I spent rest of A. M. marking apple trees & plowing ground to be ploughed. Took electric for Cambridge at 4.30 P. M.

Wea.

TUESDAY 26

Ther.

Clear with light S. W. wind; partly cloudy in P. M. Warm

Gilbert & I spent day photographing about Rock Meadows. Took electric to Waverley, followed Brown Brook to old Robin woods, thence through pasture S. of meadows skirting Oak Hill, to S. W. end of meadows where lunched under maples. Thence around W. end of meadows & back through the Willows. Stopped night Hawk in rocky pasture, saw Broad W. Hawk alight in meadows while eating lunch, heard & saw Hawks' Flycatcher in alder thicket near N. W. end of meadows. Stopped Green S. - Quail on hilltop. Saw Red Sh. Hawk. Entered 10, 5x7 and 10, 4x5 plates. Home by electric at 5 P. M.

Cambridge, E. Watertown, Ipswich.

Wea.

WED. AUG. 27, 1902

Ther.

Clear & warm with light E. wind. Sky  
half filled at times with cumulus clouds.  
At 9.30 A. M. Gilbert & I took electric to  
Mt. Auburn. Entering the oak woods behind the  
Catharine Cemetery we visited the pond behind  
Mt. Auburn, Francis Hill & the woods  
of Arnold Brook. Exposed under 5x7 plates.  
Returned by electric via Central Sq. Station.  
Spent P. M. in Fresh Pond Swamps. Took  
train to Hills Crossing, then walked to  
Smith's Pond & home through swamps.  
Exposed ten more 5x7 plates.

Wea.

THURSDAY 28

Ther.

A. M. partly cloudy; P. M. brilliantly  
clear with light E. wind. A beautiful cool  
day.

C. E. R. S., & I went to Ipswich by 10.10  
A. M. train. Dined at Woodbury's where  
we had dinner. Emerson taking their  
photographing spiders webs & tracks in the sand.  
After dinner walked to crest of sand hills  
& exposed ten 4x5 plates.

Started back at 2 P. M. visiting the  
Hall Park H. of the light house where I  
used to spend long hours.  
Reached home at 4.50 & took 5.30  
train for Boston.

Wea.

FRI. AUG. 29, 1902

Ther.

Sunny but hazy. Cool with light E. wind.

Spent day in Museum writing  
notes & letters & doing various other  
things. The plate frogs of some Cal.  
have all gone back & Walter is  
working on getting frogs of Ind.  
Mrs. H. Smith of Birdwell called  
in P. M. for some advice  
regarding her birds back.  
Almost no birds in garden save Robins  
& Red-caps & a Cat Bird.

Wea.

SATURDAY 30

Ther.

Clear with light S. W. to S. E. wind. Warm.

At 10 A. M. Gilbert & I started  
for the Coolidge farm, E. Watertown, taking  
the 6 1/2 x 8 1/2 camera. Exposed four  
plates one in woods behind Catharine Cemetery,  
two at pond in rear of Mt. Auburn, one  
at western base of Francis Hill. Saw  
eight Purple Finches together near the pond.  
Spent P. M. writing up bird notes  
& journal for August.

Wea.

SUN. AUG 31, 1902

Ther.

Clear with light S. W. wind. Very warm.

Spent A. M. in the Museum writing up my bird notes for August.

Dined at the Thayers' with Mrs. Simmons, Irving, Mrs. Emerson, Miss Thayer & C. C. & I walked home together at 3 P. M. Had tea at home & counted the Robins coming in to roost, making 580.

Wea.

MON. SEPT. 1

Ther.

Clear with light S. W. wind. Still warmer 71° F.

Walter & I spent entire day at Mus. Comp. Zool. picking out duplicates for a return exchange with Dr. Finsch of the Berlin Museum. The bird room was suffocatingly hot & we got very tired. I lunched at the Harvard Restaurant on Davenport St. walking to & from it & to & from the Mus. C. Z.

C. & I went to Mrs. Seaboard's to tea, for the last time together.

Wea.

TUES. SEPT. 2, 1902

Ther.

Clear & very warm with light S. W. wind.

C. departed for Providence at 9 A. M. Walter & I spent forenoon at Mus. C. Zool. finishing our task at selecting duplicates there. He picked out a lot more from my own collection in P. M.

Wea.

WEDNESDAY 3

Ther.

Clear and warm with light S. wind.

Spent day in museum working at various odd tasks & writing a number of letters. Picked out the remaining birds for the exchange with Dr. Finsch. Walter finished his work to-day - He is evidently very tired. I went to Mrs. Seaboard's for the night occupying the chamber over the parlor.

Wea.

THUR. SEPT. 4, 1902

Ther.

Cloudy & oppressively sultry with showers at evening & in the mid-afternoon.

I had engaged Percy Sherburn & two men to work in the garden but the rain spoiled my plans & we accomplished very little, working for only about two hours in the afternoon.

Wea.

FRIDAY 5

Ther.

Brilliantly clear with fresh N.W. wind. Frosty at evening.

Left Boston, alone, at 9 A.M. Eastern Div. R.R. and reached Bethel at 4.30 P.M. Mrs. Gehring on train from Portland but I did not know it until after we reached Bethel where George Townsend met us both at station.

Found staying at the Gehrings, as patients, Mrs. Jacob Kettinger of Belmont, Mrs. Ralfe, Portland, Miss Williston of Cambridge, Mr. George Mearns, Frank Wash & young Karlén. Spent most of evening in parlor. Had a late talk & supper with Dr. G.

Wea.

SAT. SEPT. 6, 1902

Ther.

Clear & cool. Heavy frost last night killing most of the corn. Country snow white at sunrise.

In A.M. called on Miss Parker of New Haven & Miss Ackerman of Cambridge at the hotel which has been renovated & remodelled & is now kept by a Mr. Ford.

Spent most of P.M. sampling about in the woods below the house with Dr. G. & Mearns. Foliage still uniformly green & very fresh & luxuriant. Birds apparently scarce.

Wea.

SUNDAY 7

Ther.

Rained heavily last night & at intervals through forenoon. Most of P.M. sunny. Warm.

In A.M. the Doctor & I walked to Paradise Hill where we rambled about in woods & pastures. Had a brief feast of blackberries & found a great quantity of red pine seedlings 2 to 4 ft high. Saw a mixed flock of fully 75 small birds representing a dozen or more species chiefly warblers.

In P.M. drove to Maine's Pond 3 m. beyond W. Bethel in deep hollow at base of mountain. It was about 5 o'clock in evening & rather frosty. Saw swarms of Robins & Bluebirds & some or four Phoebe's.

Bethel - Andover (Me.)

Wea.

MON SEPT. 8, 1902

Ther.

Brilliantly clear with strong N.W. wind.

Spent most of day staking out the field to the S.W. of the house for tree planting, working alone all the forenoon, with the Doctor & Megens in the afternoon. There are to be a succession of openings surrounded by planted woods with wood roads, foot paths etc.

Saw very few birds.

Wea.

TUESDAY 9

Ther.

Early morning clear & calm. Remainder of day cloudy with strong S.W. winds. Rain began falling at 7 P.M. & continued through night. Dr. Gehring, George Thrusworth, George Megens & I left Bethel at 8.30 a.m. in a canvas

break wagon drawn by a pair of horses. Drove to Hanover & thence through a beautiful wooded road to a pond where we unharnessed & fed the horses, made coffee & had lunch.

Kept on after lunch reaching Andover, Me., at 4.30 P.M. stopping at Threlk's Hotel.

Took a walk before supper crossing the river & going over a beautiful place owned by a Mr. Suter. Blackbirds & Chipping sparrows abundant all along the river. In due to Andover at very early am.

Andover - Bethel.

Wea.

WED. SEPT. 10, 1902

Ther.

Early morning cloudy; remainder of day clear with strong N.W. wind.

We left Andover at 9 a.m. Taking the road on the E. side of Ellis River to Rumpel Point where we crossed the Androscoggin on a ferry boat propelled by the current. A mile or two further on we stopped for lunch in a field sheltered by woods building a fire in a wood pile just inside the woods. Found a hollow near the river bank that was filled with a bunch of plums, one of them was to me. Continued on our way through a road that led over the E. side of Mt. Cornwall & reached Bethel at 4 P.M.

Wea.

THURSDAY 11

Ther.

Cloudless, warm, light S. wind.

Spent entire A.M. staking out winding driveways for planting in the field S.W. of the house, Jacob Hillinger & his wife assisting me.

Wrote letters most of P.M. but the Doctor & I went over the field & discussed the plan for planting it, just before dinner. Pretty Miss Gilman of Cambridge hunched at the Gehlings this noon. I called on Mrs. True in the evening.

Wea.

FRI. SEPT. 12, 1902

Ther.

Clear & warm with light S.W. wind.

Left Bethel by the morning train. George Farnsworth went with me as far as Portland. Lunched at Union Station & took 12.45 E. Div. train for Boston. Took 4.49 P.M. train from Boston to Lancaster where I spent night with E.

Wea.

SATURDAY 13

Ther.

Cloudy with light showers

Took 7.35 A.M. train for Cambridge. A Vireo gilvus warbling & a Contopus virens singing feebly in alms near Lancaster station.

Spent A.M. at Museum

Took 1.38 P.M. train for South Yarmouth where I am to spend a week with the Stones. Found C. B. Cory on the train & had a good talk with him.

Reached the Stones' about 5 P.M.

South Yarmouth, Mass.

Wea.

SUN. SEPT. 14, 1902

Ther.

Brilliantly clear with strong N.W. wind.

In A.M. walked to Swan Pond with the Stones & Nelson Goodyear. In P.M. we all drove to Dennis where we had a fine view of the north shore of the Cape which stood out distinctly from Plymouth to Provincetown.

Wea.

MONDAY 15

Ther.

Brilliantly clear with strong N.W. wind. A light frost late in the day.

Will Stone left us for two days this morning to go to Boston & N. Y. At 10 A.M. Mrs. Stone & I drove over to Great Island. We found there Mr. & Mrs. Cory, Mr. Jefferson (son of Joseph Jefferson) & Mr. Finley (a famous Scotch golf player). Cory took us over the new club house & drove us through the deer park. Saw seven elk. One of them fed from our hands. Lunched at the Corys' & drove home in P.M. I walked to Swan Pond alone & stayed there until sunset.

Wea.

TUES. SEPT. 16, 1902

Ther.

Cloudless with steady N. wind.

Spent day on water with Carl Davis & a number of his friends in his yacht "Attila". Starting at 10 a.m. we sailed to Wiano (9 miles) where we lunched on pier. At 2.30 P.M. the "Attila" started in a 12 m. race with the "Baracouta", a Wiano boat, which she beat by more than a minute. I kept him. Started for home at 5.30. Water calm, breeze fresh, beautiful sail ending in the light of a full moon. Saw 3 or 4 Terns, a White W. Scoter, a young Herring Gull & a Loon.

Wea.

WEDNESDAY 17

Ther.

Clear with strong N.E. wind.

Spent A.M. in and about the house. Will Stone returned from New York at 10.30 a.m.

In P.M. the Stones, Goodyear & I walked to Jane's & Long Ponds. The former is small, the latter upwards of half a mile long. Around the shores of both *Carex*'s roses & *Sabbatia* were abundant. The former still in full flower. Saw only a few birds, Chickadees, a Towhee etc.

Wea.

THUR. SEPT. 18, 1902

Ther.

Partly cloudy. Very heavy N.E. wind.

The Stones, Goodyear & I drove to Chatham (15 m.) starting at 9.30, getting back at 7 P.M. Lunched on the bluff near the light house. Afterwards rowed across the channel to the outer beach where there was fine drift. A few Terns, a Herring Gull & two Scaup on the beach. During the drive down Blackheads, Robert & Chippie's boat was working lower. Bought some old-fashioned furniture at Dr. Davis' store.

Wea.

FRIDAY 19

Ther.

Clear and warmer with strong N.E. wind.

Spent A.M. about the house examining 5 x 7 plates on interesting buildings in the neighborhood.

In P.M. the Stones, Mr. Goodyear & I rowed up Bass River for about 5 m. It is a beautiful stretch of water. Saw no large birds but saw 2 or 3 Terns.

# South Yarmouth - Cotuit.

Wea.

SAT. SEPT. 20, 1902

Ther.

Brilliantly clear with S.W. wind. Warm.

In A.M. drove with the Stones & Goodys to the road leading to Great Island where I dug about 100 Blossing Star bulbs. There were acres of these beautiful plants still in bloom. Returned through woods by way of Swan Pond.

Left the Stones at 3 P.M. & went by stage, train & buggy to Cotuit Narrows. Met Mrs. Almy, Anna, Junior, Betty, Cabot & Miss Livermore of Cambridge at the house.

Wea.

SUNDAY 21

Ther.

A.M. brilliantly clear; P.M. cloudy. Wind north-east.

In A.M. Almy drove me around Popponesset Point, a beautiful drive through woods & past salt marshes & bays. Blossing Star common. Saw Great Blue Herons flying together. Insects already brilliant. Called on Mrs. Lowell & spoke with Dr. James Putnam. In P.M. sailed down the Bay, landed at Cotuit & photographed Mr. John Colledge's windmill. Rowed much of way back again like getting in after dark.

# Cotuit - Cambridge.

Wea.

MON. SEPT. 22, 1902

Ther.

Cloudy in A.M. P.M. sunny but hazy. Wind N.E. Rather warm.

Pink Wartens, Flickers, Bluejays, Blackbirds, Chipping & Crows above house in early morning. Pink Warblers singing, down freely & well. Miss Livermore & I left by stage at 9 A.M. & took 10.30 train for Boston. Landed at South Station & got home at 1 P.M. Found C. at our house. Looked tea at the Thayers' with Mrs. Simmons, Susan, Miss Thayer & C. Spent night at Mrs. Scudder's.

Wea.

TUESDAY 23

Ther.

Sunny but hazy.

Spent most of day in the Museum visiting Arthur etc. Looked tea at the Thayers' again this evening.

# Cambridge - Glendale.

Wea.

WED. SEPT. 24, 1902

Ther.

Cloudy with light rain in P. M. cooler.

C. & I took 10.45 A. M. train from Boston to Stockbridge where D. C. French met us & drove us to Glendale. Soon after reaching his house we took a walk through the woods to the pasture. Autumn coloring rich in swamps. Mr. & Mrs. Bush & Mrs. Clark staying at the Frenches. In the evening Margaret French & two of her girl friends gave us a little play & tableaux on studio.

Wea.

THURSDAY 25

Ther.

Cloudy, calm, cool.

In A. M. Dan, C. & I walked to the Knight farm, to Mr. Fubosh's & to the place below on mill pond returning our Dan's pen around hill. In P. M. Dan & I drove a number of stakes for tree planting. Still after C. joined, as I went to the pasture again. News came last evening of the death of Mrs. French's brother at Phila.

Wea.

FRI. SEPT. 26, 1902

Ther.

Cloudy with N. E. wind and light steady rain.

C. & I took 10.21 train from Glendale & 12 noon train from Pittsfield for Boston. Reached Cambridge about 5 P. M. & spent night with Eda in our own house. Robin roost in garden still frequented nightly but by now over 200 birds.

Wea.

SATURDAY 27

Ther.

Cloudy with N. E. wind & steady rain.

Gilbert went to Concord this morning & I followed him by an 5.01 train from Arlington. It was nearly dark & raining heavily when I crossed the river. I intended spending the evening with Mr. Robin. The maple foliage is gorgeous in the swamps & along the river.

Wea.

SUN. SEPT. 28, 1902

Ther.

Atmospherically cloudy & clear with a light breeze in P. M. Very pretty.

Spent A. M. planting a lot (one 100) of flowering star bulbs that I got at Dr. Hammond's a week ago. scattering them widely in sandy openings near Bull's Hill. Also planted some golden oysters. Home to the farm in P. M.

Wea.

MONDAY 29

Ther.

Cloudy with light N. E. wind & fine mist. Clear rain at intervals.

Spent the day alone in the woods making a lot of traps to be set down later. Went to Holden's Hill in A. M., to Davis' Hill & Pine Ridge in P. M. Pat began work to-day. I sent Hanson to Cambridge with a load of wood. He is selling them at 16 a cord.

Wea.

TUES. SEPT. 30, 1902

Ther.

Precisely like that of yesterday.

Took 8.13 A. M. train for Cambridge found C. at the house & saw Walter & Karl later. C. went to the Thayer's at 10 A. M. & I called on him at 12.30. Dined at Harvard Restaurant. Bought an old air-light stove at Berke's for \$3.00 & ordered a school stove sent on for the Museum. Returned to Concord by electric reaching home about 4 P. M.

Wea.

WED. OCT. 1

Ther.

Cloudy with N. E. wind and continuous rain - very heavy in late afternoon. This is the 8<sup>th</sup> cloudy day (since Sept 23)

Spent day at farm with Pat & Hanson. Working in the wood shed where we refilled ten old wood to make room for about 3 cords of birch cut last spring. There were lots of birds in the elms & apple orchard - Bluebirds, Chipping, a Robin, Song Sparrows, Herons etc. Walked back to cabin at evening in a very heavy rain.

Wea.

THUR. OCT. 2, 1902

Ther.

Sunny most of day, dead calm & oppressively warm.

Spent day at farm picking grapes pears & apples with the men.

Went in the canoe as far as Birch Island & down through the woods.

A mahogany table, an old yarn winder, two old mirrors & a pair of overalls that I bought at S. Gannett's last winter reached the farm to-day.

Wea.

FRIDAY 3

Ther.

Brilliantly clear with light W. to N.E. wind

Spent the day at farm working both ways. Pat & Hanson were cutting & stacking corn. I walked all P. M. "swamping" a new wood road through woods east of pasture.

Birds very numerous.

When I reached the cabin about dark I found Wambath there. He is trying to raise some money to start in business in Washington. I could not help him.

Wea.

SAT. OCT. 4, 1902

Ther.

Clear with light N. to N.E. wind. Cooler with a frosty feel in the air at sundown.

Spent A. M. "swamping" a new wood road in Prescott's pine near the border of the Barrett farm. Dined at the farm. The men finished "stacking" the corn to-day.

In P. M. walked in the Prescott Road woods, on the road again yesterday. Galt sent down Charles to town in P. M.

Wea.

SUNDAY 5

Ther.

Cloudy with light S.E. wind & heavy rain in P. M.

At daybreak heard a Gr. Blue Heron & a bay of Quail calling. The Heron seemed to be flying very low down.

Went to farm in A. M. & packed apples with Hanson getting about 2 lbs. of fine large Baldwins. Spent P. M. in the Blockhouse woods working trees for cutting. The only wild creatures I saw were a Gray Squirrel & a Partridge.

Wea.

MON. OCT. 6, 1902

Ther.

Early morning cloudy & showery.  
Remainder of day clear with S.W. to  
W. wind. Oppressively warm.

Went to farm at 8 a.m. by  
way of Benson's & the Barrett oaks.  
Returned at evening through Prescott's  
place & over Davis's Hill.  
Spent day with Hanson & Pat  
pulling & sorting apples of which  
we have a fine crop this year.  
Luncheon & drinks of fine Concord grapes  
at the farm & about 4 p.m. went

Wea.

TUESDAY 7

Ther.

Brilliantly clear & just pleasantly warm  
with fresh W. wind.

Spent day at farm pulling apples.  
with Pat & Hanson. We have about  
7 bbls in all. Left the cabin at  
8 a.m. going by way of Davis's Hill.  
Returned at evening through the  
Barrett oaks & past Benson's.

Bought 3 baskets & 5 baskets  
of a travelling vendor & ordered  
a week box of Halden. He said to  
have daily mail delivery after Nov. 1st.

Wea.

WED. OCT. 8, 1902

Ther.

Brilliantly clear with fresh N.W. wind.  
Much cooler.

Spent day at farm Howard began  
work there this morning. He, Pat & I  
planted a lot of bulbs in front of  
the house & wound a number of things  
in the flower garden. A shot was fired  
in the run about 10 a.m. Hanson & I  
went to the spot & found two men &  
a setter dog. They gave them names, as  
E. S. Chapman, 77 Mass. Ave., Arlington &  
C. R. Whitel, 19 Avon Place, "

Wea.

THURSDAY 9

Ther.

Early morning cloudy & threatening. Remainder  
of day brilliantly clear with strong N.W. wind.

To farm at 8.30 a.m. spending an  
hour on the way working out plans for  
wood roads through Barrett oaks.  
Spent most of day working with the  
three men. Prepared planting beds  
for white flowers, forbesia etc. behind  
the barn & along the lane. Also worked  
wood to old shed. Returned to Ball's  
Hill via Birch & Green Fields & Davis's Hill.  
It was dark when I reached the cabin.

Wea.

FRI. OCT. 10, 1902

Ther.

Brilliantly clear with light N. wind  
A slight frost last night.

Spent day at farm. In A.M.  
pruned apple trees behind house. In  
P.M. made a clearing in woods  
in rear of barn cutting practically  
everything down hickories.

Went to farm in morning via  
Davis's Hill & Prescott's Pines. Returned  
at evening through tall woods & forest  
Barrens.

Wea.

SATURDAY 11

Ther.

A.M. sunny but hazy. P.M. cloudy;  
Began raining at 5 P.M. Light frost  
last night. Wind S.W.

Spent day at farm reaching it on  
foot via Barrens & Barrens oaks,  
returning through Birch Field & around  
Davis's Hill.

In A.M. cleared up debris behind  
house. In P.M. cut a road from  
"Bungolow" to lower meadows. Only  
Pat & Howard worked to-day.  
Howard was not feeling well.

Wea.

SUN. OCT. 12, 1902

Ther.

Raining most of A.M. with strong  
N.E. wind. Clear dead calm & very  
warm in late P.M.

W. T.axon came up by electric this  
forenoon and stayed until 9 P.M.

We walked to the farm in the  
afternoon. Edward & Mrs. Emerson,  
Flora Emerson & Bennett Forbes  
called at the cabin about noon &  
spent nicely on home. Mr. Emerson  
read us an interesting account of  
an overnite storm down at Jaffrey N.H.

Wea.

MONDAY 13

Ther.

Clear & oppressively warm with  
strong S.W. wind. A heavy fog  
early this morning.

Worked all day at the farm  
with Pat & Howard cutting down  
trees along the lines of wood-  
lands finishing the cutting behind  
the barn & advancing some  
distance into the woods east  
of the pasture. In the latter  
we cut a great number of large  
gray Birch.

Wea.

TUES. OCT. 14, 1902

Ther.

Early morning cloudy. Remainder of day clear with light W. wind. Rather warm at noon with open cars running on the street railways.

Took 8.13 a.m. train to Cambridge. Found C. at home very tired & miserable with the cold & worry of getting it in order for the winter. Dined with her in morning room. Hanson brought down a load of wood. A profusion of ripe & delicious grapes in the garden. Returned to Concord by 5.01 p.m. train.

Wea.

WEDNESDAY 15

Ther.

Brilliantly clear with fresh W. wind. Rather cool.

Spent day at farm going & returning via Benson's. All three of the men worked at hauling out the brush which we have made recently in cutting wood woods. Nancy took it in the farm wagon to the garden where it will be burnt later.

I am getting many letters in acknowledgment of "Birds of Cape Region". Some are very appreciative.

Wea.

THUR. OCT. 16, 1902

Ther.

Clear & warm with fresh W. wind.

Spent day near Ball's Hill. In early morning the men cut down some oaks in front of the new cabin. We then went to Barrett's meadow woods & cut out a new piece of wood road. Shots firing all a.m. on Dallow's Hill. In early P.M. they began behind Holden's Hill. For all hours there I found five. It is shooting at small birds. They were white-crowns & were off when I ordered them to do so. Later I saw a sugar mallow a double shot at a pair of black ducks at Beaver Dam Robin. He killed both instantly.

Wea.

FRIDAY 17

Ther.

Clear with fresh N. wind. Cooler.

Took 8.13 a.m. train for Cambridge. Found C. at home & much better. I spent a.m. & dined there. Had a feast of ripe grapes in garden. It was also with White-throated Sparrows. The Robin route still frequented by a few birds. Counted 35 last night.

Went in town at 1.30. Bought 2 pair shoes at Tullis & a suit clothes at Macmillan's. Ordered carriage sent of Smith. Returned to Concord by 4.47 train from Boston. Raymond Benson spent night at Cabin.

Wea.

SAT. OCT. 18, 1902

Ther.

Cloudy with light S. E. wind. A slight shower in early morning.

Went to farm for day. Put up a lot of fresh leaflets begins in woods. In P. M. worked with Houston & Pot harvesting the Indian corn. The lots by S. M. R. is less than on Chrysler, probably was one 10%. R. M. R. arrived with us at farm.

Wea.

SUNDAY 19

Ther.

Clear & uncomfortably warm with high S. W. wind.

In early A. M. planted a lot of seeds. Will Stone arrived unexpectedly on his bicycle at 10 A. M. & spent day & night. At noon Mr. Brown of Concord & his son called. a little later Herbert Holden called. At 3.40 P. M. Will & I started for farm. In roadway just above Benson's landing found a handsome well-dressed young couple resting on bank kissing one another passionately. On our return found they had made a house of hemlock boughs stripping them of my first young trees.

Wea.

MON. OCT. 20, 1902

Ther.

Immense Thunder Shower about 4 A. M. Day brilliantly clear with fresh N. wind. Will Stone departed at 8.30 A. M. C. arrived by electric at 11 A. M. I met her at Mr. Smith's & we crossed the river & dined at the cabin. In the afternoon we walked to the farm where we are to stay for several days.

Wea.

TUESDAY 21

Ther.

Partly cloudy with violent N. wind. Much cooler.

In A. M. C. & I took a walk through the woods on the farm. In P. M. we went to the river through Prescott's pines, then to Birch Island & back through Governor's wood road. Very little animal life stirring. C. took to me in the evening. We had big open fires blazing in all the rooms but no furnace heat.

Wea.

WED. OCT. 22, 1902

Ther.

Beautifully clear. Water & the surface of the ground froze last night but a soft S. W. wind started soon after sunrise & the day was deliciously warm.

In A. M. C. & I walked to Morris Hill via Prescott's farm & Davis's Hill returning past Benson's & through the oak woods.

In P. M. we drove to Concord with old Charley & called at Mr. Emerson's house both Mr. & Mrs. E.

Wea.

THURSDAY 23

Ther.

Cloudy with light rain in the early morning. Wind light from the S. E. & N. E.

C. left me at 10.20 A. M. Giltner drove her to Concord where she came to Cambridge by electric. The men & I found a lot of birch brush in the pasture in P. M.

Wea.

FRI. OCT. 24, 1902

Ther.

A. M. clear & warm. P. M. cloudy with high S. W. wind. Heavy white frost early this morning & ground again frozen.

Spent A. M. working with the men in the birches below the pasture.

We took out a lot of stumps & Hanson carted wood to the wood shed on Humboldt Road.

H. M. Spelman arrived at noon on his bicycle returning to Cambridge at 3.30. He walked to Birch Id. after dinner.

Wea.

SATURDAY 25

Ther.

Clear with raging N. W. wind. Warm through forenoon, cool at evening.

Spent day working with the men in the woods which lie between the cow pasture & Birch Field.

We cut out a wood road completely through them & felled about a quarter of the way. Birds scarce. Saw two flocks of Crows & heard a Gr. Horned Owl hooting just before sunset.

Wea.

SUN. OCT. 26, 1902

Ther.

A. M. clear; P. M. cloudy with  
chill E. wind.

Took a short walk after breakfast.  
Will & Alice Stone arrived at 10.30.  
We walked to Lawrence's woods before  
dinner. In P. M. we went to Ball's  
Hill via Davis's Hill. While we were  
at the cabin Grace Hayes & Miss Roberts  
came up river in a canoe & landed  
for a few minutes. It was dark when  
we reached the farm. The Stones spent the  
night at the farm house.

Wea.

MONDAY 27

Ther.

Cloudy & mild with soft S. W. wind.  
The sky cleared just before sunset.

Spent A. M. walking with the  
men on a new road through Birch  
field, carrying it through to Prescott's farm.  
Abbot & Harold Thayer arrived  
at noon. After dinner we walked  
to Ball's Hill via Davis's Hill.

The sun was setting when we were at  
the cabin & the mountains & river scene  
& beautiful. Returned across Green  
field & through Lawrence's wood road  
reaching home after dark.

Wea.

TUES. OCT. 28, 1902

Ther.

It rained heavily through the night  
& in torrents all the A. M. The sky  
clearing about 4 P. M. from S. W. wind.

Spent A. M. in parlor of farm house  
talking with the Haynes. They departed  
at 11.30 A. M. Spent P. M. working  
with the men. We cleared out the  
new barn & the lower part of  
the old barn. Took a short  
walk over the farm at evening.

Wea.

WEDNESDAY 29

Ther.

Clear & cool with high N. W. wind.

Left the farm at 7.15 & took 8.13  
train to Cambridge. Spent A. M. at  
Museum & went in town at 1 P. M.  
Lunched at Posters, tried on a new  
sweater sent at Smith's, called at  
Walker & Prosser to deposit a bill  
& met C. at N. Union Station at  
3.20. We took 3.30 train to Andover  
where we spent the night at  
Dequade's. He took us to dinner on one  
arrived with his pair of new bay horses.

Dr. James C. Merrill died at Washington D. C.

Wea.

THUR. OCT. 30, 1902

Ther.

Clear with chill N. W. wind.

C. Ada & I went to Mullins in a. m. taking train to Harvel & electric there. Dined at Minnie's & afterwards called on Uncle Henry & Sophie & at Aunt Abbie's where we saw Clara. We also saw Charlie Hayes & William Gould. All seemed fairly well. Returned to Andover in late P. M. reaching Seaboard's after dark. Before starting this morning C. & I called on ~~Constance~~ Fuller.

Wea.

FRIDAY 31

Ther.

Clear with light W. wind, Cold at morning & evening.

C. & I left Andover at 8.26 a. m. & reached home about quarter of ten. Spent day doing various men & woman's things for our winter. Kate has stovel for new hay & has work. I have agreed to pay him \$60. for work to May 1st. Saw Pat & examined a cow stable on Concord Ave. Walter D. in & out several times.

Wea.

SAT. NOV. 1, 1902

Ther.

Clear & cool with light W. wind.

Gilbert & I went to Concord by 8.34 a. m. train taking "Garry". H. M. Spelman met us at W. Bedford & we crossed river together. Walked directly to farm where we are to stay. Spelman & I spent P. M. cutting out a new wood road through Prescott lot to Burton's, Howard working with us. Hansen & Pat were hauling out brush meanwhile. In evening Harry & I sat by the fire in the parlor & talked.

Wea.

SUNDAY 2

Ther.

Clear with light S. W. to W. wind. A perfect day just pleasantly warm.

In a. m. Harry & I walked along the road to the Swift farm thence to the river & back through Lawrence's woods. In P. M. we strolled off to the woodshed passing through about Lawrence's farm woods to the old Bigelow's wood & beyond. Examined the old oak in which a Bear is said to have been killed. It is, I think, the largest white oak in Concord. Harry staid for Cambridge at 6.30 P. M.

Wea.

MON. NOV. 3, 1902

Ther.

Cloudless with light S.W. wind;—  
a typical Indian Summer day

In A.M. we put up the new mail  
box for rural delivery at entrance to  
Bungalow. Also cut a few trees in  
front of house & a number near the  
spring. Spent afternoon working  
on the new wood road from Beebe  
Field to Benson's. Two Tree Toads  
(Acanthys nigræus) / chirping shrilly at one  
Housed a Pellissippi Hylas in P.M. They  
have been very silent this autumn.  
Wea. TUESDAY 4 Ther.

Brilliantly clear & dead calm most  
of day. Heavy white frost this morning.

Spent day working with the men  
on Pine Ridge returning to farm for  
dinner. We cut down a number of trees,  
chiefly pines & Hansen hauled a  
few loads of wood & brush. Besides  
a lot of green pine branches. Late  
in P.M. we cut down some oaks on  
Davis's Hill. About 8 A.M. I saw a  
wonderful rainbow in Benson's pasture  
on the ground which was covered with  
caterpillars looked like deer.

Wea.

WED. NOV. 5, 1902

Ther.

A.M. cloudy with dense fog up to ten  
o'clock. P.M. sunny & warm with light  
S.E. to S.W. wind.

Spent entire day at Davis's Hill  
with Hansen, Pat & Howard. We cut down  
a considerable number of small oaks &  
cleared the ground of fallen branches  
carrying the good wood to the wood shed  
on Hambock Knoll, the debris to a  
burning place in Benson's pasture.  
Gathered from Mrs. Ritchie to Concord this  
A.M. She has closed her house for the winter.

Wea.

THURSDAY 6

Ther.

Cloudy & misty with occasional brief  
showers of fine rain. Light, warm  
S.W. wind.

Spent day on farm working with  
the men. In A.M. we removed all the  
corn (92 bushels) from the box stall  
into which the rats have found access &  
after tarring their holes we put the corn  
back again. In P.M. burned two big  
brush fires, one in the brick opening E.  
of the pasture, the other in the pasture  
opening. Saw almost no birds.

Wea.

FRI. NOV. 7, 1902

Ther.

Clear with high N.W. wind. Morning very mild, temperatures falling steadily through day, evening cold.

Spent entire day near farm house supervising work. Benson & Hansen were ploughing, Howard "carpentering" in the barn, Pat sawing wood & charring up the wood shed, Gilbert white washing the walls & ceiling of the back room.

Altogether a very busy day. I had only a short walk in the woods - to Birch Field in the early morning.

Wea.

SATURDAY 8

Ther.

A. M. sunny but hazy with cold N. wind.  
P. M. brilliantly clear with E. wind.

Spent A. M. working with the men at the farm. We moved a lot of things including several loads of hay & corn fodder.

In P. M. went to Ball's Hill with Hansen & Pat. Took down the last load of green Birch wood, put away the big boat for the winter etc. Two Mr. Howard's boat having at hand.

Wea.

SUN. NOV. 9, 1902

Ther.

Cloudy most of day with light N. wind. Ground frozen at sunrise; midday mild.

Spent most of A. M. going over farm with Hansen, looking over future work. Joe Flannery called to arrange about painting the farm wagon.

Called on the Howes after dinner seeing her & Mrs. Howe & the two sons. They are all simple, kindly people.

Took a short walk in Pulpit Rock woods in late P. M.

Wea.

MONDAY 10

Ther.

Brilliantly clear & almost uncomfortably warm with light N.W. wind.

Spent A. M. at farm putting the final touches on the preparations for the winter. Went to Ball's Hill directly after dinner & worked there a couple of hours with Gilbert & Hansen. Pat & Howard were across the river carrying the roof of the boat house. Gilbert & I took the 4.20 P. M. for Cambridge bidding good bye to Concord for that year. Found C. at home. I went to Mrs. Scudder's for supper.

Wea.

TUES. NOV. 11, 1902

Ther.

Brilliantly clear with cold dry air & almost no wind.

Spent day in Museum working on various odd things. Took all my meals at Mrs. Gendler's. No calls.

Wea.

WEDNESDAY 12

Ther.

Cloudy & mild with occasional light showers.

Starting immediately after breakfast C. & I walked up Affton & Highland Streets to Edinwood. Many Herring Gulls drifting southwards Fresh Pond. A Killdeer in oak on Highland Street.

Spent day in Museum. Had letters in A. M. Outram boys called in P. M. A Chickadee, Kinglet, N. bellied Nuthatch, Flicker & White thr. Sparrow in the Garden.

Wea.

THUR. NOV. 13, 1902

Ther.

Cloudy with light N.E. wind and fine rain at intervals. An intensely chilly day.

Spent A. M. at Mrs. Comp. Zool. C. walked down with me. Saw Dr. Mark, Dr. Woodcock & Hershaw.

Wrote letters in Museum in P. M.

Wea.

FRIDAY 14

Ther.

Clear & rather warm with light S.W. wind

Walked to Fresh Pond with C. after breakfast. There was imposing flocks of Gulls fully 1000/ floating on the water & well scattered but only 35- Black Ducks. With the latter were two fin & Red-heads in full plumage. I could distinctly see their blue, black-tipped bills through my glass at above 200 yds. About 10% of the Gulls were immature. Among them was a large fin od Black-back. Two Flickers & 3 Crows in Humboldt Grove.

Wea.

SAT. NOV. 15, 1902

Ther.

Sunny & mild, Early morn. foggy.

Started for Washington by 9 a.m. train with Walter, Margie, George & Mary Deane, Miss Geo. Putnam of Cambridge & Miss Russell of Boston in car with us. Found New York enveloped in a pall of black soft coal smoke. It spoiled the beauty of the trip by water around the city. Reached Washington at 11 P.M. are on home lot. Sage found us at new home. C. did not go.

Wea.

SUNDAY 16

Ther.

Clear & very warm - real Indian time.

Called on Mrs. Putnam & Miss Russell at 10 a.m. at Arlington but they were out. Went alone to Zoo at 10.30 & spent about 3 hours. Fine collection & great flying cages for birds. Saw bear den. Saw lots of Brownies & a pair of Light Lits. Heard a Carolina Tit sing feely & a Cardinal feebly. Called at Merriam's at 3 P.M. & on the Baileys at 5 P.M.

Wea.

MON. NOV. 17, 1902

Ther.

Cloudy with chill N.E. wind. Council Meeting at Merriam's 10.30 a.m. to 5 P.M. Present Merriam, Drought, Allen, Chapman, Cory, Sage, Stone, Roberts, R. Deane, Fisher, Nelson, Dutcher & Ridgway. Good & pretty lunch served at 2 P.M. Dined at Richmond. Business meeting 8.30 - 11.30 P.M. at Merriam's. Present, besides Council, Barrows, Cook, J. Palmer, Will Palmer, Lucas, Bishop. Everything went smoothly. Old officers re-elected.

Wea.

TUESDAY 18

Ther.

Cloudy with strong N.E. wind & rain in A.M. First day of public meeting at Nat. Mus. hall to left of entrance. Merriam ill at home & Cory in Chair all day. Slim attendance in A.M., the hall nearly filled in P.M. Some good papers & fine lantern slides in P.M. A lot of associates present. Talked with Oberholser, Dr. Ralph, Miss Dayan etc. Had a smoke with Ridgway, Cory & Bishop in Smith gallery in late P.M. Went to reception at ex-Senator Henderson's 8.30 - 11 P.M.

Wea.

WED. NOV. 19, 1902

Ther.

Sunny & mild with light W. wind.

Spent day at meeting at Nat. Museum. Attendance large & papers exceptionally good. At 5 P.M. went to afternoon tea at Mrs. Patton's (Secretary Wash. Acad. Soc.). Dined at hotel at 6.30 & at 8.15 went to hall Columbia University to meeting Audubon Society. Surgeon Gen. Stenberg presided. I sat on platform with Lucas, Dutcher, Stone, Chapman & Mrs. Palmer. Read a memorial paper from May. Sec. Hume at 10 P.M. Set up with R. Deane, Dutcher & Roberts until 12 P.M.

Wea.

THURSDAY 20

Ther.

Clear & mild.

Arrived meeting at 9.30 A.M. Union meeting all A.M. In P.M. Finance Com. met in Smith gallery. Most of the members of A. S. C. went to Florence Barclay's home to afternoon tea to see Florence's drawings. I did not. Invited Nelson to dinner with me at the Richmond. He stayed until midnight. Dutcher, Roberts & R. Deane joined us at 10 P.M.

Wea.

FRI. NOV. 21, 1902

Ther.

Cloudless, calm, very warm for season.

A. O. U. & Audubon Societies invited to visit Zoo in A.M. I went with Dutcher, Fisher & Miss Palmer at 10.30. About 15 assembled at Park office where we were presented to Prof. Langley. He made us a short but speech & departed. Dr. Frank Baker, Mrs. Baker & two attendants then took us around & explained everything & showed off the animals. They also gave us a lunch. After which Museum Ridgway & I returned to the city & went to Smithsonian where the Com. on Mon. held a brief session. I dined with the Museum at 6.30. The Allen & Gilbert Com. 2 Carolina Wrens on full song at the Zoo.

Wea.

SATURDAY 22

Ther.

A.M. clear & calm; P.M. cloudy; evening rainy.

George Deane, Sage & I left W. for home by 7.45 A.M. train ("Colonial Ex."). We reached Boston about 8.30 P.M. & Camp. Shortly after midnight I read most of the time on the cars. Howard - Lake Hi Ball game at New Haven & depart crowded. Saw Fish Crows between Washington & Phila. No Drakes on Gunpowder or Bush River & no Hawks anywhere. Total expense of my trip about \$70.<sup>00</sup>

Wea.

SUN. NOV. 23, 1902

Ther.

Clear & cooler with piercing N. W. wind.

Went to St. Johns church with C. at 8.30 a.m. Wrote letters in afternoon.

In P.M. C. & I visited Betanmi. Gordon & called on the Russells, Goldings & Almy.

A Blue Jay, Chickadee, Nuthatch & Crow in the (our) garden.

Wea.

MONDAY 24

Ther.

Cloudy & mild with strong S. W. wind.

Spent most of day in Museum writing letters etc. C. & I walked to Golding's green house just after dinner & bought a few house plants. Haden came down with a load of wood in A.M. Howard also called & I paid him for 6 1/2 days work done after I left covered.

A Blue Jay was becoming lonely in the Garden this morning. I saw two Golden-crooks there later in the day.

Wea.

TUES. NOV. 25, 1902

Ther.

Cloudy, calm, mild.

Spent entire day in Museum working at miscellaneous tasks.

C. went to Framingham in P.M. A Blue Jay (screaming) the only native bird noted in the Garden. Walter returned from Washington yesterday & resumed work to-day.

Wea.

WEDNESDAY 26

Ther.

Cloudy with strong N. E. wind and incessant driving sheets of fine rain.

Spent day in Museum writing letters etc. In late P.M. walked to Harvard Square with C. We bought a few house plants at Carboni's & selected down lamps for two new electric lights in the Museum. She left me at 4 P.M. after which I had my hair cut & walked home alone. Chas. R. Harris called at 8 P.M. bringing me five water bugs to use in examination with my Cambridge Birds.

Wea.

THUR. NOV. 27, 1902

Ther.

Like that of yesterday with raw N. E. wind  
& heavy downpour of fine rain.

Having a troublesome cough I spent  
the entire day in the house with C.  
who read to me from the "Virginia"  
at intervals. It is a rather good story  
of Owen Wister. Dory, Mr. Bennett,  
& Mary Pardin are Thanksgiving dinner  
with us at 7 P.M. staying until 9 P.M.

Wea.

FRIDAY 28

Ther.

Clear with breeze, cool N. W. wind.  
The thermometer has now fallen below  
30° there for this autumn & our  
Cambridge Canons are still nearly as  
fresh & green as they were in September.  
There are but few birds about; a  
Blue Jay visits the garden daily &  
Chickadees & Kinglets very few.  
Sparrows fly over head and chirp.  
Spent day in Museum calling over  
my collection of photographs with Selma.  
Walked to Mt. Auburn alone after  
dinner.

Wea.

SAT. NOV. 29, 1902

Ther.

Clear & Cool with strong N. W. wind 24° min

Spent most of day in Museum calling  
over my collection of photographs with Selma.  
Walked to Elmwood with C. after breakfast  
returning along the river. Heard a T-bell  
on the Cambridge farm.

John Lawrence brought down 1 1/2 cords  
of dry Concord wood.

Mary & Louisa Allen & Mr. Bennett dined  
with us at 6 P.M. We all went to the  
Dramatic Club together. Play very poor.

Wea.

SUNDAY 30

Ther.

Sunny but hazy with light W. wind 40° min

C. & I walked to Fresh Pond at 9 A.M.  
64 Black Ducks, 2 Red-heads, about 700 Grebes  
& a Brimble's Wren in the Pond. Walter  
a little earlier counted upwards of 2400 Grebes  
& saw a gray heron which I missed.  
The Wren is the first one reported for this  
pond. I walked to 20 minutes & collected  
a few. Walter saw it & the heron  
again in the late afternoon.  
Walter & Margie dined with us. C. went  
to Boston & I wrote Allen in P.M.

Wea.

MON. DEC. 1, 1902

Ther.

Clear with light W. wind. The 30° min. rain of last evening appeared to have in the night & the time & ground were white this morning for the first time this autumn.

Walter Dean & I walked to Fresh Pond at 8.30. Found 54 Black Ducks, 2 ♂ Red-heads, a ♀ Mallard & some 200 Gulls in the Pond. No signs of the Muskrats or beaver seen yesterday.

With Gilbert I started for Concord by electric at 11.15 a.m. We crossed the river in a boat having to break ice 1/4 inch thick the whole length of the boat canal. Took lunch at the cabin & walked to the farm where I saw Hanson. Started 5 Partridges & saw Chickadees, Kinglets, a Downy & a Blue Jay. As we were returning saw a Great Blue Heron alighted by the canal. Took 4.20 train home. Saw Mallard & young Dickcissel Grouse near a freshly killed beaver this eve. He says he killed it on Perry's Bay for Beaver. Mottled Chick was singing.

Wea.

TUESDAY 2

Ther.

Clear, calm, mild. All the snow gone in exposed places by sun.

Spent entire day in museum writing letters etc. The express brought me a fine young Whistling Swan hatched at Newburyport Mass. Mr. Wendell of that place found it in a preservation place & secured it for me @ 3.00 I sent it & the beaver killed yesterday to Angell & Cook of Providence for mounting.

Richard Hayward called in P.M.

Kinglet only bird seen in garden today.

Wea.

WED. DEC. 3, 1902

Ther.

40° - 48°

Cloudy, calm, mild; light rain in A.M.

Spent most of day in museum working on letters & bird notes. At 2 P.M. found collected in garden, in & about henrocks, 2 Chickadees, 2 Golden-crowns, 1 Creeper, ♂ White-bellied Nuthatch, ♂ Canada Nuthatch, ♂ Downy & several Bay Sparrows. White Herring Gulls were drifting high overhead. Earlier in day a Flicker was collared & later a Crow caught.

Went into Boston at 4 P.M. Called at Smith's to try on a suit and bought two knives for C.

Wea.

THURSDAY 4

Ther.

Sunny but hazy, calm, mild.

Walked to Fresh Pond at 9 a.m. Found there about 800 Gulls, 106 Black Ducks & 2 Red-heads. Most of the Ducks were in Cambridge Mass & some of them within a rod or less of shore. Saw a ♀ Sparrow Hawk flap from one of the large oaks in the grove. Saw a Tree Sparrow near pumping station.

Meeting visiting Com. Mus. Comp. Took H.A.M. Present only Dr. Tilden, Dr. Henshaw & myself. After meeting had afternoon with Mr. Dean & spent P.M. at my museum. Harold Bowditch called. Hanson thought duck was of course in A.M.

Wea.

FRI. DEC. 5, 1902

Ther.  
22 mm

North-east snow-storm, heavy  
through a.m. clearing about 3 P.M.  
about 6 inches falling.

C. & I walked to Mr. Auburn at 9 a.m.  
Spent day in Museum working on  
letters & copying notes. Examined skins  
of Greater Yellow-legs sent by Dr. Bishop  
for comparison with my *J. m. parisi* &  
wrote him at length about them.  
No birds, no calls. Attended meeting  
of N.E. Bot. Club at 8 P.M.

Wea.

SATURDAY 6

Ther.  
10°  
18°

Clear & Cold with light W. wind  
Good sleighing.

Went in town at 10.30 a.m. to attend  
annual meeting Rod & Gun Club at  
Mr. Thirwall's office. Only six present.  
Called at 35 Congress St. & saw Estabrook.  
Returned to Cambridge at 2 P.M. & lunched  
at Dover St. restaurant.  
At 4.30 P.M. C. & I drove in to the  
Saml. Cabot's to attend "coming over" reception  
for Mary & Helen Almy. A great crush there.  
Miss Howard, Miss Winsor & E. R. S. dined  
with us at 7 P.M.

Wea.

SUN. DEC. 7, 1902

Ther.  
8°  
28°

Cloudy with snow storm from 10 a.m.  
to 3 P.M. about four inches falling

J. St. John's Church with C. at 8.30. After  
service we walked around the Common.  
On way back saw 2 Chickadees, 2 Kinglets & a  
creep on Craigie St. & 1 Chickadee on Berkeley St.  
Roland Hayward dined & spent afternoon.

Wea.

MONDAY 8

Ther.  
20°  
30°

Partly cloudy with violent N.W. winds;  
a cheerless, harsh day.

Spent a.m. copying notes from C. R.  
Banks' journal covering the period of his  
activity as a collector, 1881-1885.  
It contains much of local interest & value.  
C. & I walked to Mr. Auburn just after  
dinner. Heard Chickadees & Kinglets at the  
Gray place. On returning found 2 Chickadees,  
2 Kinglets & a Creeper in the garden.  
Mrs. Jack Egan, Harold Bowditch &  
Howard Furness called in P.M.

Wea.

TUES. DEC. 9, 1902

Ther.

10° at  
daybreak.

Clear & intensely cold with  
high N. W. wind.

At 7.30 C. & I drove to the polls & voted.  
We then took 8.13 train for Boston & 9.44  
train for Portland where we arrived at 1.50  
(2 hours later). Went to Lafayette Hotel where  
we met & consulted with Dr. Gehring.

Started for Boston at 6.20 P. M. getting in  
at 10.13 & catching 10.20 train for Cambridge.  
All trains later. Engines covered with snow & steam.  
Salt water covered everywhere with clouds of  
vapor. Ther - 20° at Boston this evening

Wea.

WEDNESDAY 10

Ther.

20°

Cloudy & chilly with snow & squalls 36°

Spent most of day in Museum  
writing. Arthur Thayer called about noon  
to help us put together the pieces of the  
Pileated Woodpecker's nest I saw on Monument  
last June. He & Gerald cut down on the  
& the nest has been stolen a well.

At 4 P. M. attended meeting Audubon  
Society at Mrs. C. C. P. Room. Present  
7: H. Allen, Mrs. Elliot, Miss Hall, Miss  
Richards.

Wea.

THUR. DEC. 11, 1902

Ther.

24°

Cloudy & chilly. Snow began  
falling at evening continuing well into  
the night, adding about 4 inches to the  
depth of the body already on the ground.  
Spent A. M. in Museum finishing  
the copying of Bird notes from Lamm's  
journal. Went to Boston in P. M. &  
had a number of teeth filled. Also  
did some Christmas shopping.  
A Robin & a Blue Jay visited the Garden.  
The former flew from the Parkman's,  
apple which is covered with ripe fruit.

Wea.

FRIDAY 12

Ther.

18°

Another gray, cheerless day. 24°

Worked from morning to night on  
an obituary notice of J. C. Merriam  
for January and, making fair progress.  
Two Robins appeared in the Garden  
about noon. The Gray Squirrels  
are keeping close hid. I do not  
see one in three days, on the  
average.

The coal famine becomes more acute.  
Few houses in this neighborhood are fully  
heated now. It is almost impossible to  
get coal, even to the coal.

Wea.

SAT. DEC. 13, 1902

Ther.

18°

10°

Snowing heavily at times, from  
8 a.m. to 7 P.M. about 6 in falling  
Wind strong from N. E.

Spent day in Museum working  
on obituary notice of J. C. Merrill for  
Ann. No collars, no birds,  
C. & E. R. S. spent day in town at  
Christmas shopping.

Wea.

SUNDAY 14

Ther.

8°

20°

Clear with N. wind

To church at St. Johns with C.  
at 8.30 a.m. afterwards called at the  
Thayers'. Spent rest of a.m. writing  
letters. Will & Clara Starn, Walter &  
Mangie Deane dined with us at 1.30.  
We had possum - very good - fat -  
we couldn't part.

Wea.

MON. DEC. 15, 1902

Ther.

20°

Early morning clear rest of day  
cloudy with E. wind.

Spent a.m. working on obituary of J. C. M.  
Went in town at 2 P.M. & had  
a tooth refilled by Dr. Rand. C. & I  
walked to Mr. Abraham after breakfast.  
Saw 6 Chickadees & a Crow at Elmwood.  
Heard Chickadees in the Garden at 3 P.M.  
Saw about 15 Whistlers & 100 Grackles - also Riv. Wren  
a Blue Jay heard in the Garden by water & a  
pair of Nuthatches seen in the forest chestnut by J. C. Deane  
heard a Ch. Wren this evening.

Wea.

TUESDAY 16

Ther.

34°

50°

Cloudy with strong N. E. wind  
and incessant heavy rain lasting  
well through the following night.  
C. & I walked to Phelps Place just  
after breakfast. Returning I spent  
the day at my desk in the Museum  
working on the Cambridge List.  
No collars until 2 P.M. when  
Miss Edith Thayer came bringing a  
young man friend to see the collection.  
The only bird seen in the Garden  
was a Flicker.

Wea.

WED. DEC. 17, 1902

Ther.

40°

36°

Early morning cloudy; remainder of day clear & mild.

When the storm began yesterday we had fully 18 inches of snow. This morning the ground was bare in many places & the exposed grass on the lawn bright colored green.

C. & I walked to Mr. Arbman after breakfast. Spent A. M. working on Cambridge Dist. In P. M. Arthur Briggs & J. B. Mc. Kechnie called bringing birds to identify. Went in town with C. at 6:30, saw C. at Oak Grove Cafe at 7 & stopped there. Arrived Bos. Ave. meeting at 8 P. M. Five Canton leaders talk by Mr. Davis on Colorado Canon.

Wea.

THURSDAY 18

Ther.

34°

40°

Clear & mild with light W. wind

Walked to Mr. Arbman with C. just after breakfast. Spent day in Museum working on Cambridge Dist. No calls. Heard Chickadees & Kinglets in the Garden. Kinglets & a White-bell. Nuthatch at the Gray place saw a Crow at Elmwood. Gray Squirrels out again since the mild weather began. The "We Dine" Club met at our house this evening. Present -

Wea.

FRI. DEC. 19, 1902

Ther.

24°

44°

Clear, calm, rather mild.

Wrote letters for 2 hours after breakfast. Spent remainder of day in town shopping for Christmas. The stores were not so crowded and I accomplished my task rather easily. Lunched at Young's and called at our office. At 4:30 P. M. changed my clothes at the Athletic Club at 5:15 C. & E. R. S. called for me in a carriage & we drove to Mrs. Algonquin where we attended Margaret Manning's party. At 6:30 dined at Rye bank with Richard Herpford. Home again by 10 P. M.

Wea.

SATURDAY 20

Ther.

27°

38°

Clear, calm, rather cool.

Spent entire day in Museum working on the Cambridge Dist. I am still busy cursing & interpolating & have scarcely begun the long & difficult interpretation. C. went to Providence for the day to visit Aunt Ruth. No calls. Heard Chickadees in the Garden. The birds have ceased flying over to Concord's Fresh Pond nearly two weeks ago.

Wea.

SUN. DEC. 21, 1902

Ther.

23°

38°

Cloudy with drizzling rain through the day & a heavy downpour in the evening & through the following night.

C. & I attended morning service at St John at 8.30. Afterwards she went to the Hayes' & I walked to Elmwood with "Barry". Spent most of a.m. writing letters. Roland & the Cunnighams dined with us at 1.30, Sam Henshaw called early in P.m. & Purdie spent the evening.

Wea.

MONDAY 22

Ther.

53°

40°

Clear, calm, mild. Practically all the snow gone this morning & the grass everywhere green. Roads muddy & ground apparently free from frost.

Spent day in Museum working on Cambridge Birds. Walked to Coolidge's green house just after dinner. Gulls drifting over towards Fresh Pond.

A Flicker in the Garden.

Council of N.O.C. met at Museum this evening to consider publishing my Camd. Birds.

Wea.

TUES. DEC. 23, 1902

Ther.

28°

30°

Clear & cooler with strong N.W. wind. Ground frozen stiff.

Spent day in Museum working on Cambridge Birds. Walked to Coolidge's green house just after dinner to order some flowers for Christmas.

Judge Church called at Museum at 5 P.m. bringing a live *Buteo lineatus* & a chickadee which was caught by a policeman in Dorchester. 2 Chickadees, a Nuthatch & a Goldencrest in the Garden.

Wea.

WEDNESDAY 24

Ther.

13°

Clear, calm, cold.

Spent day in Museum working on "Cambridge Birds". No callers.

A Crow alighted in the Garden

& a Flicker spent some time there in the early morning.

Wea.

THUR. DEC. 25, 1902

Ther.

25°

Cloudy, intensely chilly, snowing from 10 a.m. into the night, fine dry snow at first, later damp snow, about 6 in. in all.

C. & I attended service at St. John's at 8.30, next called at the Hagers', finally walked to Elmwood. Returning called at the Almy's where I stayed until 1 P.M. C. & I dined alone at 1.30. E. R. S. came up at 5 P.M. & we opened and preserved together. My last one was Murray's. Surfer's baby ducks from John S. Hays & a pair of London Heavy Ducks from Miss Sumner. C. Mary & Helen Almy & I drove over to Boston at 6.30 to hear a superb rendering of the Messiah.

Wea.

FRIDAY 26

Ther.

28°

Cloudy, calm, mild. Trees, shrubs, 34 weeds - everything out of doors - heavily snowed. Calm this morning. A beautiful light about. Looked through the day as there was no wind nor sign to spoil it.

I was out with the 6 1/2 x 8 1/2 camera & Gilbert to help from 9 - 10.30 a.m. exposing 8 plates out near the house. Wrote on Cambridge Birds out of A.M. & in P.M. wrote Christmas gifts letters. Walter & Sam. Harbison saw a Cardinal Grosbeak in the garden on 8.30 a.m. in a snow laden tree within 15 feet of my study window.

Wea.

SAT. DEC. 27, 1902

Ther.

23°

A mistle what-what-what in the air. Clear & calm. The wonderful snow foliage still unchanged.

Gilbert & I took two more pictures with our big camera just after breakfast. Spent most of A.M. on the Cambridge Birds beginning the English Sparrow. My cousin Mrs. Brewster called at 12.30.

At 1.15 P.M. went into town with C. Walter & Margie Dean, Emily Hayward & Mrs. Robinson joined us at the Park Theatre where we saw "Every man", a wonderful religious play of ancient English origin.

Wea.

SUNDAY 28

Ther.

8°

Clear, calm, cold. The snow still clings to every branch & twig unmoved as yet by eastern wind or sun. I have never known it to persist so long before.

C. is laid up with a common knee & we could not go to church to-day. I walked to the U.S. Academy after breakfast & wrote letters through the forenoon.

Heard Golden-croaks at 2 places on Beethoven St. this morning at the Gray house & in courtyard opposite the Weiss place.

Wea.

MON. DEC. 29, 1902

Ther.

12°

40°

Early morning clear. Remainder of day cloudy with light rain at evening.

Walked to the Gray place after breakfast. Spent remainder of day working on the House Sparrows for Cambridge Birds.

George & Betty Jefferson, Walter, Margie, George & Mary Dean dined with us this evening at 7.30, Mary Gremph also came to dinner & spent the night.

No callers at Museum saw Hilde House.

More of the snow fell from the trees to-day. Gilbert put up some in the house for the birds.

Wea.

TUESDAY 30

Ther.

Clear, mild, windless. Snow much settled by last night's rain & thawing frost all day but a few drifts still gliding about at evening.

Worked through forenoon on the Cambridge Birds. Walked to Botanic Garden & through Waltham & Stopped at 12 after lunch. John E. Thayer called by appointment at 2.30 P.M. to talk over Brewster's book. He stayed until 4 P.M. C. still confined to room by Croup Throat. A solitary Chukar the only bird visitor to the Garden.

Wea.

WED. DEC. 31, 1902

Ther.

22°

38°

Clear, calm, rather mild

Walked nearly to Elmwood after breakfast. Spent forenoon & early part of afternoon working on Cambridge Birds. In P.M. called at Dr. Wyman's & saw Mr. Wyman, his father (90 years old) being out dining. Afterwards called on Mr. Spelman to question him about early conditions in Cambridge. But he could tell me only that Mrs. Morris & E. R. S. lunched with me. C. is still confined to the upper floor by her Croup Throat. A Chukar & a Flicker in the Garden.

NOTES FOR 1903

Remember

Jan. 28, Feb. 9, Aug. 31, Oct. 5 - C. F. B.

MEMORANDA

MEMORANDA

MEMORANDA

MEMORANDA

*Subscriptions*

*Camp. Ass. Charities #10. paid Jan 20, 1902*

[illegible]

Name	LETTER REGISTER Received	Answered
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Name	LETTER REGISTER Received	Answered
------	-----------------------------	----------

Name	ADDRESSES	Residence
A. B. Carr	973 Dawson St. between Beach & Union Ave. N.Y.	
Harold Bowditch	13 Foxcroft House, Camb.	
R. A. Gilbert	14 State St. Cambridgeport	

Name	ADDRESSES	Residence
------	-----------	-----------

# VISITS

Name

Address

# VISITS

Reception Day

Visit Received

Visit Returned

# MEMORANDA

Date

Dolls. Cts.

# MEMORANDA

Date

Dolls. Cts

## BILLS RECEIVABLE

## BILLS PAYABLE

[illegible]

# Bethel, Maine

Bird List ~~CASH ACCOUNT~~ - JANUARY 3 -

Date	Received	Paid
Jan. 3	Chickadee - (5) in gray birches in camp. with	
" "	Lesser Redpoll (22) eating gray birch buds in	
" "	Downy Woodpecker - One in apple orchard	

" 4	Chickadee (2), (5), (6) with a <u>Sitta</u> <u>Can.</u>	
	Hudsonian Chickadee - one with ..	
	Golden-crest Kinglet - (2) " "	
	Canada Nuthatch - 1 with (6) Chickadees	
	Lesser Redpoll (5) in birches near	
	Can. Ruffed Grouse. One bird started	

" 5	Chickadee (3) at upper end	
	Golden-crest (2) (hd) (hd) in balsam	
	Canada Nuthatch 7 or 8 in balsam	
	Pine Grosbeak (♂ ad & ♀) in alder	
	Crossbill ♂ sang without pair	
	Blue Jay 1 seen 2 heard	
	Pileated Woodpecker 1 " another " " "	
Can. Ruffed Grouse Fresh tracks in		

" 6	Chickadee (4) in birches mixed	
	Pine Grosbeak Call note heard	
	Lesser Redpoll (20) in balsams	
	Can. Ruffed Grouse Two different	

# Bethel, Maine

Bird List ~~CASH ACCOUNT~~ - JANUARY

Date	<u>Woods below house</u>	Received	Paid
	Redpolls. Very silent - would not answer whistle call.		
	Crow. with Chickadees. Only 2. Rosy-breasted 28		
	near house.		

## Glen Woods

(3) with a Parus hnd. a Sitta Can. & 2 Reg. Sapsucker  
 & Kinglets & 3 Chickadees in mixed gray birches & balsam  
 1 P. hnd. " " " " " " " "  
 ♀ in another place with Chickadees & Kinglets.  
 house. Call note heard in Glen Woods.  
 p. snow, tracks of others seen in several dif places.

of our chasing among gray birches  
 woods along logging road  
 knutalls along logging road & in old yellow birches at camp  
 swamp on logging road hopping about on ice. 3 a. before bed  
 about 1 min. an apparently slow, tender bird song  
 along logging road  
 " " " (one in yellow birch woods  
 on hill above logging camp)  
 a down different places along logging road.

with balsams in woods below house.  
 high in air over " " "  
 apparently eating buds in " " "  
 trails found in snow in " " "

Bethel, Maine  
Bird Base ~~CASH ACCOUNT~~ Jan

~~Bird Base CASH ACCOUNT - JANUARY~~

Date	Received	Paid
Jan'y 7	Chickadee (12) + 1 P. hudsonian Hudsonian Chickadee 1 in flk. " at night Canada Nuthatch (2) " " " " Golden-crested Kinglet hd. in woods ? Brown Creeper hd. call note hd. Pine Grosbeak (1) Solitary bird Lesser Redpoll hd. near the house Arctic Three-toed Woodpecker 5 in woods below Can. Ruffed Grouse 1 started in	
" 8	not a bird of any kind.	
" 9	English Sparrow. a flock of about	

*Bird Base* CASH ACCOUNT - JANUARY

*Bird Base* CASH ACCOUNT - ~~JAN~~ JANUARY

Date	Received	Paid
in arbutus in Glen Woods		
" " " " "		
" " " " "		
below house (2) in Glen Woods		
Twice in balsam woods below house		
answered my call & alighted on tip of pine cone on my		
house. Spent 1/2 hour digging into top of balsam stub.		
Glen Woods - as well as a hawk		
20 feeding on grain under rig in cars at R.R. station		

### CASH ACCOUNT—MARCH

[illegible]

### CASH ACCOUNT—MARCH

[illegible]

# SUMMARY

	Received	Paid
Cash on hand Jan 1		
JANUARY		
FEBRUARY		
MARCH		
APRIL		
MAY		
JUNE		
JULY		
AUGUST		
SEPTEMBER		
OCTOBER		
NOVEMBER		
DECEMBER		
Total		
Balance to new account		

## Calendar for 1903.

1903	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.	1903	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
JAN.	4	5	6	7	8	9	10	JULY.	5	6	7	8	9	10	11
	11	12	13	14	15	16	17		12	13	14	15	16	17	18
	18	19	20	21	22	23	24		19	20	21	22	23	24	25
	25	26	27	28	29	30	31		26	27	28	29	30	31	
FEB.	1	2	3	4	5	6	7	AUG.	2	3	4	5	6	7	8
	8	9	10	11	12	13	14		9	10	11	12	13	14	15
	15	16	17	18	19	20	21		16	17	18	19	20	21	22
	22	23	24	25	26	27	28		23	24	25	26	27	28	29
	29	30	31						30	31					
MARCH.	1	2	3	4	5	6	7	SEPT.	6	7	8	9	10	11	12
	8	9	10	11	12	13	14		13	14	15	16	17	18	19
	15	16	17	18	19	20	21		20	21	22	23	24	25	26
	22	23	24	25	26	27	28		27	28	29	30			
	29	30	31												
APRIL.	5	6	7	8	9	10	11	OCT.	4	5	6	7	8	9	10
	12	13	14	15	16	17	18		11	12	13	14	15	16	17
	19	20	21	22	23	24	25		18	19	20	21	22	23	24
	26	27	28	29	30				25	26	27	28	29	30	31
	31														
MAY.	3	4	5	6	7	8	9	NOV.	1	2	3	4	5	6	7
	10	11	12	13	14	15	16		8	9	10	11	12	13	14
	17	18	19	20	21	22	23		15	16	17	18	19	20	21
	24	25	26	27	28	29	30		22	23	24	25	26	27	28
	31								29	30					
JUNE.	7	8	9	10	11	12	13	DEC.	6	7	8	9	10	11	12
	14	15	16	17	18	19	20		13	14	15	16	17	18	19
	21	22	23	24	25	26	27		20	21	22	23	24	25	26
	28	29	30						27	28	29	30	31		

- 1) Use two Heroin tablets as a dose, three, four or five times a day, as needed.
- 2) Continue use of Thionin once a day, one teaspoonful in glass hot water as long before breakfast as possible, for about two weeks.
- 3) The application of Iram Glycerine to pharynx & larynx might be made once or twice a day, as long as needed.
- 4) If throat does not continue to improve resort to the green capsules of Calcichin, taking one every hour, or two every two hours, each time with a glass of water, until from 8 to 12 are taken a day, continued for two days.
- 5- The Ichthyol for the wrist, twice a day,

These two horses were taken as a pair from  
 a fine team - bay & white - as wanted  
 for the use of the machine, were a bay &  
 a white - but were not wanted as  
 they were too light for the work  
 they were wanted for.

(3) The application of  
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(4) The work of the machine

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4.60  
 60  
 65  
 593

The work of the machine

Wotherspoon Watering

